VERNON LINE

Callisaurus
draconoides

IRIS
INSERTABLE
INDEX SETS

I.R. - 13 8½ x 11

a CEL-U-DEX PRODUCT

TRADE MARK
REG. U.S. PAT. OFF.

b2 4.18a Vol.

b-62

q-4180

Callisaurus draconoides

Species CALLISAURUS DRACONOIDES

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 9/18/58 | 96 | 2.6 | 1.7 | 2.89 | 10.87 | 31.41 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 |
| 5 | " | 102 | 2.7 | 1.2 | 1.44 | 11.29 | 16.26 | 2.7 | 1.2 | 1.44 | 11.29 | 16.26 |
| 6 | 9/18/58 | 95 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 2.4 | 1.2 | 1.44 | 10.03 | 14.44 |
| 8 | " | 89 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 | 2.3 | 1.3 | 1.69 | 9.61 | 16.24 |
| 9 | " | 94 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 |
| 12 | 9/19/58 | 61 | .8 | .3 | .09 | 3.34 | .30 | 1.0 | .3 | .09 | 4.18 | .38 |
| 13 | 3/13/59 | 80 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 |
| 14 | " | 53 | .7 | .4 | .16 | 2.93 | .47 | .7 | .4 | .16 | 2.93 | .47 |
| 15 | " | 52 | .7 | .5 | .25 | 2.93 | .73 | .8 | .5 | .25 | 3.34 | .83 |
| 17 | 4/1/59 | 54 | .7 | .4 | .16 | 2.93 | .47 | .7 | .4 | .16 | 2.93 | .47 |
| 18 | " | 44 | .5 | .3 | .09 | 2.09 | .19 | .5 | .4 | .16 | 2.09 | .33 |
| 19 | " | 47 | .7 | .4 | .16 | 2.93 | .47 | .7 | .4 | .16 | 2.93 | .47 |
| 20 | 4/25/59 | 77 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.3 | 2.0 | 4.00 | 9.61 | 38.44 |
| 21 | 4/25/59 | 69 | 1.4 | .5 | .25 | 5.85 | 1.46 | 1.4 | .5 | .25 | 5.85 | 1.46 |
| 26 | 5/23/59 | 67 | 1.0 | .5 | .25 | 4.18 | 1.04 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 27 | 5/22/59 | 80 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 |

Species _____

| Tag.No | Date of Capture | S-V length (mm) | Left Testis | | | | Right Testis | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | a | b | $b^2$ | 4.18a | Vol.($mm^3$) | a | b | $b^2$ | 4.18a | Vol($mm^3$) |
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Species CALLISAURUS DRACONOIDES

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 7/21/59 | 64 | 1.1 | .7 | .49 | 4.60 | ~~2.25~~ | 1.2 | .7 | .49 | 5.02 | ~~2.46~~ |
| 34 | " | 59 | .7 | .5 | .25 | 2.93 | ~~.73~~ | .8 | .4 | .16 | 3.34 | ~~.53~~ |
| 36 | 7/29/59 | 64 | 1.3 | .7 | .49 | 5.43 | 2.66 | 1.3 | .7 | .49 | 5.43 | ~~2.66~~ |
| 37 | 6/26/59 | 74 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 |
| 42 | 8/19/59 | 81 | 3.3 | 2.3 | 5.29 | 13.79 | 72.95 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 45 | " | 71 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 |
| 47 | 8/20/59 | 69 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 | 2.0 | 1.6 | 2.56 | 8.36 | ~~21.40~~ |
| 49 | 8/31/59 | 51 | .9 | .3 | .09 | 3.76 | ~~.34~~ | .9 | .3 | .09 | 3.76 | ~~.34~~ |
| 50 | " | 77 | 2.1 | 1.2 | 1.44 | ~~8.78~~ 8.78 | 12.64 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 |
| 52 | 9/11/59 | 71 | 1.6 | .7 | .49 | 6.69 | 3.28 | 1.6 | .7 | .49 | 6.69 | 3.28 |
| 53 | " | 63 | 1.2 | .7 | .49 | 5.02 | ~~2.46~~ | 1.3 | .7 | .49 | 5.43 | ~~2.66~~ |
| 55 | " | 85 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 56 | 10/24/59 | 52 | .6 | .4 | .16 | 2.51 | ~~.40~~ | .7 | .4 | .16 | 2.93 | ~~.47~~ |
| 58 | " | 76 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 59 | " | 67 | 1.2 | .7 | .49 | 5.02 | ~~2.46~~ | 1.3 | .7 | .49 | 5.43 | ~~2.66~~ |
| 60 | " | 87 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.7 | 1.1 | 1.21 | 7.11 | 8.60 |

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Species CALLISAURUS DRACONOIDES

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 3/10/60 | 63 | 1.2 | 1.2 | 1.44 | 5.02 | 7.23 | 1.1 | .6 | .36 | 4.60 | 1.66 |
| 62 | " | 60 | 1.0 | .6 | .36 | 4.18 | 1.50 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 63 | 3/20/60 | 74 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 64 | 3/21/60 | 75 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 |
| 65 | " | 84 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |
| 66 | 4/12/60 | 69 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 |
| 70 | 4/21/60 | 80 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 |
| 71 | 4/24/60 | 85 | 4.4 | 3.6 | 12.96 | 18.39 | 238.33 | 4.8 | 3.0 | 9.00 | 20.06 | 180.54 |
| 74 | 4/28/60 | 80 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 |
| 75 | 4/29/60 | 77 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 |
| 77 | 4/30/60 | 82 | 3.4 | 2.5 | 6.25 | 11.56 | 72.25 | 3.2 | 2.3 | 5.29 | 13.38 | 70.78 |
| 80 | 5/1/60 | 75 | 3.4 | 2.5 | 6.25 | 11.56 | 72.25 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 |
| 82 | " | 79 | 3.1 | 2.4 | 5.76 | 9.61 | 55.35 | 3.5 | 2.4 | 5.76 | 14.63 | 84.27 |
| 84 | " | 78 | 2.6 | 1.5 | 2.25 | 6.76 | 15.21 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 85 | 5/9/60 | 78 | 3.9 | 2.8 | 7.84 | 15.21 | 119.25 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |
| 87 | " | 84 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 |

Species _____

| Tag.No. | Date of Capture | S-V length (mm) | Left Testis | | | | Right Testis | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | a | b | $b_2$ | 4.18a | a | b | $b_2$ | 4.18a |
| | | | | | | | | | | |
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Species CALLISAURUS DRACONOIDES

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 | 5/10/60 | 86 | 3.9 | 2.9 | 8.41 | 16.30 | 137.08 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 89 | " | 83 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 |
| 90 | 5/20/60 | 89 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 91 | " | 86 | 3.3 | 2.7 | 7.29 | 13.79 | 100.53 | 3.5 | 2.8 | 7.84 | 14.63 | 114.70 |
| 92 | " | 89 | 4.6 | 3.7 | 10.24 | 16.72 | 171.21 | 4.6 | 3.1 | 9.61 | 16.72 | 160.68 |
| 93 | " | 84 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 |
| 94 | 5/21/60 | 96 | 2.7 | 2.7 | 7.29 | 15.47 | 112.78 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 |
| 95 | 5/22/60 | 83 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 |
| 98 | 6/10/60 | 85 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 | 3.8 | 2.2 | 4.84 | 15.70 | 56.63 |
| 99 | " | 93 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 |
| 101 | 6/10/60 | 72 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 2.6 | 1.3 | 3.24 | 10.87 | 35.22 |
| 103 | 7/15/60 | 64 | 1.3 | .5 | .64 | 5.43 | 7.49 | 1.5 | 1.0 | 1.00 | 7.52 | 7.52 |
| 106 | 7/17/60 | 78 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 | 3.2 | 2.0 | 4.00 | 13.38 | 53.52 |
| 109 | 7/22/60 | 70 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 | 2.7 | 1.7 | 2.89 | 11.24 | 32.63 |
| 115 | 7/17/60 | 87 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 116 | " | 84 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 |

Species CALLISAURUS DRACONOIDES

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118 | 7/17/60 | 58 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 119 | 8/9/60 | 66 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |
| 120 | 8/8/60 | 86 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 |
| 122 | 8/10/60 | 82 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 2.5 | 2.5 | 6.25 | 10.45 | 65.31 |
| 123 | " | 84 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 2.9 | 2.0 | 4.00 | 12.12 | 48.48 |
| 125 | " | 85 | 3.1 | 1.9 | 3.61 | 12.96 | 46.78 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 |
| 126 | " | 96 | 5.2 | 2.4 | 5.76 | 13.38 | 77.07 | 3.2 | 3.5 | 6.25 | 13.38 | 83.62 |
| 129 | 8/10/60 | 77 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 2.4 | 1.6 | 2.56 | 10.87 | 27.83 |
| 130 | " | 82 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 131 | 7/9/60 | 73 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 132 | 10/16/60 | 65 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.7 | .9 | .81 | 7.11 | 5.76 |
| 133 | 3/26/61 | 75 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 |
| 134 | 4/8/61 | 78 | 1.5 | .7 | .81 | 6.27 | 5.08 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 135 | " | 80 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 2.3 | 1.9 | 3.61 | 9.61 | 34.69 |
| 136 | 4/14/61 | 55 | .7 | .5 | .25 | 2.93 | .73 | .8 | 4 | .16 | 3.34 | .53 |
| 137 | " | 73 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |

Species *Callisaurus draconoides*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 4/16/61 | 64 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 142 | 5/7/61 | 75 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 |
| 143 | " | 88 | 2.8 | 1.5 | 3.24 | 11.70 | 37.91 | 2.8 | 1.7 | 3.61 | 11.70 | 42.24 |
| 145 | 5/14/61 | 87 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 141 | 5/16/61 | 83 | 1.6 | .9 | .81 | 6.69 | 5.42 | 1.5 | .8 | .64 | 6.27 | 4.01 |
| 148 | 4/4/61 | 71 | 1.6 | 2 | .49 | 6.69 | 3.28 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 149 | " | 46 | .4 | .2 | .04 | 1.67 | .07 | .5 | .3 | .09 | 2.09 | .19 |
| 151 | 6/16/61 | 58 | .9 | .4 | .16 | 3.76 | .60 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 131 | 8/21/61 | 72 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 | 3.4 | 3.0 | 9.00 | 14.21 | 127.87 |
| 162 | 9/14/61 | 66 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 | 1.7 | 1.0 | 1.00 | 7.11 | 7.11 |
| 164 | 10/7/61 | 76 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.7 | 1.1 | 1.21 | 7.11 | 8.60 |
| 168 | 5/5/62 | 84 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 |
| 169 | " | 85 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 |
| 174 | " | 84 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 175 | " | 95 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 |
| 176 | " | 83 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 |

Species CALLISAURUS DRACONOIDES

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 177 | 5/5/62 | 84 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 |
| 178 | " | 87 | 4.2 | 3.3 | 10.89 | 17.56 | 191.23 | 3.8 | 3.0 | 9.00 | 15.88 | 142.92 |
| 179 | " | 73 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 180 | " | 87 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 4.1 | 3.0 | 9.00 | 17.14 | 154.26 |
| 181 | " | 89 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 |
| 184 | 5/6/62 | 70 | 1.8 | 1.4 | 1.96 | 7.52 | 14.74 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 |
| 185 | " | 76 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 |
| 187 | " | 68 | 1.3 | 0.6 | 0.36 | 5.43 | 1.95 | 1.4 | 0.6 | 0.36 | 5.85 | 2.11 |
| 188 | " | 73 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 189 | " | 74 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 193 | " | 73 | 2.4 | 1.8 | 3.24 | 10.03 | 32.50 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 |
| 194 | 5/13/62 | 82 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 |
| 195 | 7/11/62 | 78 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.6 | 1.6 | 2.56 | 10.87 | 27.83 |
| 197 | 7/17/62 | 79 | 2.5 | 1.8 | 3.61 | 10.45 | 37.72 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 |
| 198 | 7/19/62 | 82 | 3.9 | 2.4 | 5.76 | 16.30 | 93.89 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 199 | " | 76 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 |

Species CALLISAURUS DRACONOIDES

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 7/19/62 | 79 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 |
| 203 | " | 83 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 |
| 206 | 8/10/62 | 81 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 207 | 8/19/62 | 86 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 210 | " | 88 | 1.6 | 0.9 | 0.81 | 6.69 | 5.42 | 1.6 | 0.9 | 0.81 | 6.69 | 5.42 |
| 214 | " | 83 | 1.7 | 0.8 | 0.64 | 7.11 | 4.55 | 1.6 | 0.8 | 0.64 | 6.69 | 4.28 |
| 215 | " | 79 | 1.6 | 0.7 | 0.49 | 6.69 | 3.28 | 1.8 | 0.9 | 0.81 | 7.52 | 6.09 |
| 216 | " | 81 | 1.6 | 0.8 | 0.64 | 6.69 | 4.28 | 1.5 | 0.8 | 0.64 | 6.27 | 4.01 |
| 217 | 4/7/63 | 77 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 |
| 219 | 4/20/63 | 57 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 220 | 5/4/63 | 93 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 |
| 222 | " | 85 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 223 | " | 85 | 2.2 | 1.1 | 1.21 | 9.20 | 11.13 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 |
| 224 | " | 85 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 |
| 227 | " | 82 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 232 | 5/5/63 | 72 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 |

Species CALLISAURUS DRACONOIDES

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 233 | 5/26/63 | 62 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 |
| 235 | 8/22/63 | 75 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 |
| 236 | 9/5/63 | 81 | 2.0 | 1.0 | 1.00 | 8.36 | 8.36 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 245 | 8/3/64 | 83 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 240 | 4/4/64 | 62 | 2.2 | 1.5 | 2.25 | 9.20 | [illegible] | 2.2 | 1.6 | 2.56 | 9.20 | [illegible] |
| 242 | 4/11/64 | 84 | 3.2 | 2.4 | 5.76 | 13.38 | [illegible] | 3.4 | 2.4 | 5.76 | 14.21 | [illegible] |
| 243 | " | 79 | 3.6 | 2.4 | 5.76 | 15.05 | [illegible] | 3.5 | 2.4 | 5.76 | 14.63 | [illegible] |
| 247 | 8/18/64 | 77 | 3.1 | 2.2 | 4.84 | 12.96 | [illegible] | 3.1 | 2.2 | 4.84 | 12.96 | [illegible] |
| 250 | " | 82 | 1.9 | 1.3 | 1.69 | 7.94 | [illegible] | 1.7 | 1.3 | 1.69 | 7.11 | [illegible] |
| 253 | " | 85 | 1.9 | 1.3 | 1.69 | 7.94 | [illegible] | 2.0 | 1.4 | 1.96 | 8.36 | [illegible] |
| 254 | " | 81 | 2.4 | 1.9 | 3.61 | 10.03 | [illegible] | 2.5 | 1.7 | 2.89 | 10.45 | [illegible] |
| 255 | 8/19/64 | 78 | 1.6 | 0.9 | 0.81 | 6.69 | [illegible] | 1.6 | 0.9 | 0.81 | 6.69 | [illegible] |

Chemidophorus
hyperythrus

Cnemidophorus
hyperythrus

Species CNEMIDOPHORUS HYPERYTHRUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3/18/61 | ~~55~~ | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 |
| 3 | " | 60 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 2.4 | 1.5 | 2.25 | 10.03 | 22.57 |
| 7 | " | 47 | 1.2 | .7 | .81 | 5.02 | 4.07 | 1.3 | .7 | .49 | 5.43 | 2.66 |
| 9 | " | 53 | 1.7 | 1.5 | 2.25 | 7.11 | 16.00 | 1.7 | 1.3 | 1.69 | 7.94 | 13.42 |
| 10 | " | 56 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 |
| 13 | " | 54 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 | 2.0 | 1.4 | 1.96 | 8.36 | 16.38 |
| 14 | " | 52 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.4 | .9 | .81 | 5.85 | 4.74 |
| 16 | " | 54 | 1.8 | 1.6 | 2.56 | 7.52 | 19.25 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 |
| 18 | " | 52 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 | 1.6 | .9 | .81 | 6.69 | 5.42 |
| 21 | 3/24/61 | 52 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.9 | 1.1 | 1.21 | 7.94 | 9.61 |
| 22 | 4/11/61 | 59 | 2.1 | 1.7 | 1.96 | 8.78 | 17.21 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 |
| 23 | " | 53 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 24 | 4/17/61 | 52 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 27 | 4/27/61 | 59 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 | 2.2 | 1.5 | 1.69 | 9.20 | 15.55 |
| 28 | " | 60 | 1.7 | 1.6 | 2.56 | 7.11 | 18.20 | 1.6 | 1.5 | 2.25 | 6.69 | 15.05 |
| 33 | 6/21/61 | 66 | 2.3 | 1.9 | 3.61 | 9.61 | 34.69 | 2.9 | 1.9 | 3.61 | 12.12 | 43.75 |

Species CNEMIDOPHORUS HYPERYTHRUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | 6/20/61 | 69 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.6 | 1.7 | 2.89 | 10.87 | 31.41 |
| 36 | 6/25/61 | 66 | 2.5 | 2.2 | 4.84 | 10.45 | 50.58 | 2.8 | 1.8 | 3.24 | 11.70 | 37.91 |
| 37 | " | 59 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 |
| 38 | 7/3/61 | 66 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.7 | 1.8 | 3.24 | 11.29 | 36.58 |
| 39 | 6/24/62 | 64 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 | 2.3 | 1.5 | 2.25 | 9.61 | 21.62 |
| 40 | " | 65 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 |
| 42 | 5/13/63 | 69 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 2.9 | 1.9 | 3.61 | 12.12 | 45.27 |
| 43 | 6/25/63 | 70 | 2.7 | 1.8 | 3.24 | 11.29 | 36.58 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |

Species CHTHYDROTHORUS HYPERYTHRUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
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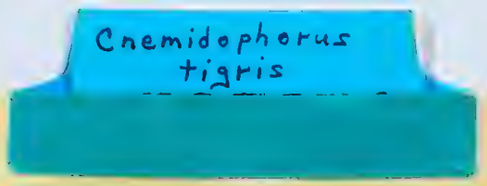
Cnemidophorus
tigris

Cnemidophorus tigris

Species CNEMIDOPHORUS TIGRIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 9/18/58 | 70 | 1.1 | .7 | .49 | 4.60 | 2.25 | 1.0 | .7 | .49 | 4.18 | 2.05 |
| 4 | 10/17/58 | 81 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 5 | 5/16/57 | 68 | .9 | .7 | .49 | 3.76 | 1.84 | 1.1 | .8 | .64 | 4.60 | 2.94 |
| 8 | 5/27/59 | 93 | 3.4 | 3.7 | 7.29 | 14.21 | 103.59 | 3.3 | 2.4 | 5.76 | 13.79 | 79.43 |
| 9 | 7/20/57 | 99 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 | 3.5 | 2.2 | 4.84 | 14.63 | 70.81 |
| 10 | " | 92 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 |
| 11 | 8/31/59 | 95 | 1.9 | .9 | .81 | 7.94 | 6.43 | 1.7 | .9 | .81 | 7.11 | 5.76 |
| 13 | 9/4/59 | 81 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.4 | .9 | .81 | 5.85 | 4.74 |
| 15 | 9/11/59 | 103 | 3.1 | 1.3 | 1.69 | 8.78 | 14.84 | 3.1 | 1.3 | 1.69 | 8.78 | 14.84 |
| 19 | 4/21/60 | 116 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 |
| 21 | " | 97 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 |
| 24 | 5/1/60 | 92 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 |
| 27 | 5/21/60 | 96 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 28 | " | 94 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 29 | " | 99 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 4.8 | 2.9 | 8.41 | 20.06 | 168.70 |
| 31 | 5/26/60 | 83 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |

Species CNEMIDOPHORUS TIGRIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 6/9/60 | 90 | 2.7 | 2.2 | 4.84 | 12.12 ~~8.44~~ | 58.66 | 3.3 | 2.4 | 5.76 | 13.74 | 79.43 |
| 34 | " | 89 | 3.2 | ~~2.2~~ | 4.84 | 13.38 ~~10.24~~ | 64.76 | 3.3 | 2.1 | 4.41 | 13.74 | 60.81 |
| 35 | 6/11/60 | 94 | 3.2 | 2.4 | 5.76 | 13.38 ~~14.24~~ | 77.07 | 3.1 | 2.3 | ~~5.29~~ | ~~12.96~~ | 68.56 |
| 37 | 7/15/60 | 100 | 2.3 | 1.8 | 3.24 | 9.61 ~~5.24~~ | 31.14 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |
| 38 | 7/16/60 | 160 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 |
| 39 | 7/17/60 | 97 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 | 2.3 | 1.5 | 2.25 | 9.61 | 21.62 |
| 40 | " | 94 | 3.1 | 2.1 | 4.41 | 12.96 | 57.15 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 |
| 42 | " | 93 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 | 3.0 | 2.3 | 5.29 | 12.54 | 66.34 |
| 44 | " | 78 | 2.7 | 1.7 | 2.89 | 11.29 | 32.63 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 |
| 45 | 4/24/61 | 163 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 |
| 46 | 5/17/61 | 48 | 1.2 | .7 | .49 | 5.02 | 2.46 | 1.1 | .7 | .49 | 4.60 | 2.25 |
| 47 | " | 87 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.7 | 1.9 | 3.61 | 11.27 | 40.76 |
| 48 | " | 91 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 49 | " | 91 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 | 2.9 | 2.0 | 4.00 | 12.12 | 48.48 |
| 50 | 4/27/61 | 89 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 |
| 51 | 5/14/61 | 72 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 2.0 | 1.3 | 1.69 | 10.87 | 18.37 |

Species CNEMIDOPHORUS TIGRIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | 5/18/61 | 96 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 |
| 53 | 6/3/61 | 70 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 54 | 6/4/61 | 96 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 |
| 55 | 6/8/61 | 94 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 3.5 | 2.1 | 4.41 | 14.63 | 64.52 |
| 59 | 4/14/62 | 97 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.7 | 2.3 | 5.29 | 15.47 | 81.84 |
| 62 | " | 93 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 63 | " | 93 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 |
| 64 | 4/23/62 | 100 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 66 | 5/4/62 | 90 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 | 4.4 | 2.4 | 5.76 | 18.39 | 105.93 |
| 68 | 5/5/62 | 98 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 |
| 72 | " | 97 | 4.2 | 2.6 | 6.76 | 17.56 | 118.71 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 |
| 73 | " | 93 | 3.0 | 2.7 | 7.29 | 12.54 | 91.42 | 3.5 | 2.6 | 6.76 | 14.63 | 98.90 |
| 76 | " | 95 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 3.5 | 2.9 | 8.41 | 14.63 | 123.04 |
| 79 | " | 93 | 3.2 | 2.3 | 5.29 | 13.38 | 70.78 | 3.2 | 2.3 | 5.29 | 13.38 | 70.78 |
| 81 | " | 98 | 4.2 | 3.0 | 9.00 | 17.56 | 158.04 | 4.3 | 2.7 | 7.29 | 17.97 | 131.00 |
| 82 | " | 98 | 3.8 | 2.6 | 6.76 | 15.88 | 107.35 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |

Species CNEMIDOPHORUS TIGRIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 5/5/62 | 85 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 |
| 84 | " | 87 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 85 | " | 89 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 |
| 86 | " | 84 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 87 | 5/6/62 | 98 | 3.0 | 2.4 | 5.76 | 12.54 | 72.23 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 |
| 88 | " | 100 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 | 3.3 | 2.4 | 5.76 | 13.79 | 79.43 |
| 94 | 8/8/62 | 112 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 95 | 8/19/62 | 94 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 |
| 98 | " | 95 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 99 | 9/23/62 | 62 | 0.8 | 0.5 | 0.25 | 3.34 | 0.84 | 0.8 | 0.6 | 0.36 | 3.34 | 1.20 |
| 100 | 3/13/63 | 98 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 104 | 5/4/63 | 77 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 105 | " | 69 | 1.5 | 0.9 | 0.81 | 6.27 | 5.08 | 1.6 | 1.9 | 3.61 | 6.69 | 24.15 |
| 106 | " | 74 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 107 | " | 97 | 3.1 | 1.8 | 3.24 | 12.96 | 41.99 | 3.1 | 1.9 | 3.61 | 12.96 | 46.79 |
| 108 | " | 70 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 |

Species CNEMIDOPHORUS TIGRIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111 | 5/4/63 | 69 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 116 | 9/5/63 | 66 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 | 1.6 | 0.8 | 0.64 | 6.69 | 4.28 |
| 118 | 4/4/64 | 84 | 2.8 | 2.2 | 4.84 | 11.70 | [illegible] | 3.1 | 2.3 | 5.29 | 12.96 | [illegible] |
| 119 | 4/11/64 | 107 | 4.0 | 3.1 | 9.61 | 16.72 | [illegible] | 4.2 | 2.8 | 7.84 | 17.56 | [illegible] |
| 121 | " | 90 | 3.1 | 2.5 | 6.25 | 12.96 | [illegible] | 3.4 | 2.5 | 6.25 | 14.21 | [illegible] |
| 124 | 5/2/64 | 95 | 2.8 | 1.9 | 3.61 | 11.70 | [illegible] | 2.8 | 1.7 | 2.89 | 11.70 | [illegible] |
| 125 | 8/18/64 | 91 | 1.2 | 0.9 | 0.81 | 5.02 | 4.07 | 1.5 | 1.1 | 1.21 | 6.27 | [illegible] |
| 126 | 8/19/64 | 92 | 1.8 | 1.2 | 1.44 | 7.52 | [illegible] | 2.0 | 2.3 | 5.29 | 8.36 | [illegible] |

Coleonyx variegatus

Coleonyx variegatus

Species COLEONYX VARIEGATUS.

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 4/24/57 | 63 | 5.7 | 1.5 | 2.25 | 15.47 | 34.81 | 3.7 | 1.5 | 2.25 | 15.47 | 34.81 |
| 11 | " | 70 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 |
| 12 | " | 75 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 |
| 13 | " | 78 | 3.5 | 2.0 | 4.00 | 14.63 | 58.52 | 4.2 | 2.0 | 4.00 | 17.56 | 70.24 |
| 14 | " | 69 | 3.6 | 2.0 | 4.00 | 15.05 | 60.20 | 4.2 | 2.0 | 4.00 | 17.56 | 70.24 |
| 21 | 5/20/57 | 64 | 3.5 | 1.9 | 3.61 | 14.63 | 52.81 | 3.6 | 1.8 | 3.24 | 15.05 | 48.76 |
| 22 | 5/22/57 | 62 | 3.4 | 1.6 | 2.56 | 16.83 | 25.68 | 3.3 | 1.1 | 2.56 | 13.79 | 35.30 |
| 23 | " | 68 | 3.6 | 1.5 | 2.25 | 15.05 | 33.86 | 4.1 | 1.6 | 2.56 | 17.14 | 43.88 |
| 24 | " | 66 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 25 | 5/23/57 | 63 | 2.5 | .6 | .36 | 10.45 | 3.76 | 2.8 | .5 | .25 | 11.70 | 2.92 |
| 29 | 5/22/57 | 70 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 3.7 | 1.7 | 2.89 | 15.47 | 44.71 |
| 30 | " | 77 | 4.5 | 2.3 | 5.29 | 18.81 | 99.50 | 4.6 | 2.1 | 4.41 | 19.23 | 84.80 |
| 31 | " | 69 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 3.9 | 1.7 | 2.89 | 16.30 | 47.12 |
| 32 | " | 68 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 | 3.8 | 1.6 | 2.56 | 15.88 | 40.65 |
| 33 | " | 66 | 3.3 | 1.5 | 2.25 | 13.79 | 31.03 | 3.3 | 1.3 | 1.69 | 13.79 | 23.30 |
| 34 | " | 66 | 3.9 | 1.6 | 2.56 | 16.30 | 41.73 | 4.6 | 1.6 | 2.56 | 19.23 | 49.23 |

Species COLEONYX VARIEGATUS.

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 6/10/57 | 65 | 3.5 | 1.4 | 1.96 | 14.63 | 28.67 | 3.7 | 1.4 | 1.96 | 15.47 | 10.72 |
| 43 | " | 67 | 3.7 | 1.7 | 3.61 | 15.47 | 55.85 | 3.7 | 1.7 | 3.61 | 15.47 | 44.71 |
| 44 | " | 78 | 3.4 | 1.7 | 3.61 | 14.21 | 51.30 | 3.9 | 1.7 | 3.61 | 16.30 | 58.84 |
| 45 | " | 80 | 5.5 | 2.5 | 6.25 | 22.99 | 143.69 | 5.7 | 2.5 | 6.25 | 23.83 | 148.94 |
| 46 | " | 67 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 | 3.8 | 1.7 | 2.89 | 15.88 | 45.89 |
| 47 | | 72 | 3.7 | 2.6 | 4.66 | 15.47 | 61.88 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 |
| 56 | 6/22/57 | 67 | 4.6 | 1.7 | 2.89 | 19.23 | 55.57 | 3.9 | 1.8 | 3.24 | 16.30 | 52.81 |
| 57 | " | 65 | 3.5 | 1.7 | 2.89 | 14.63 | 42.28 | 3.4 | 1.8 | 3.24 | 14.21 | 46.04 |
| 58 | " | 61 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 | 2.2 | 1.4 | 1.96 | 9.20 | 18.09 |
| 63 | 8/13/57 | 60 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 | 3.1 | 1.4 | 1.96 | 12.96 | 25.40 |
| 64 | " | 75 | 3.8 | 1.9 | 3.61 | 16.72 | 60.36 | 3.7 | 1.7 | 3.61 | 15.47 | 55.85 |
| 65 | " | 61 | 2.7 | 1.5 | 2.25 | 11.29 | 25.40 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 66 | " | 70 | 3.1 | 1.8 | 3.24 | 12.96 | 41.99 | 3.2 | 1.7 | 2.89 | 13.38 | 50.75 |
| 68 | 8/19/57 | 59 | 2.2 | .5 | .25 | 9.20 | 2.30 | 2.7 | .7 | .49 | 11.29 | 5.53 |
| 69 | " | 68 | 3.7 | 1.3 | 1.69 | 15.47 | 26.14 | 3.8 | 1.6 | 2.56 | 15.88 | 40.65 |
| 70 | 7/9/57 | 52 | 1.3 | .6 | .36 | 5.45 | 1.95 | 1.1 | .3 | .09 | 4.60 | .41 |
| 71 | " | 57 | 1.7 | .7 | .49 | 7.11 | 3.48 | 1.7 | .7 | .49 | 7.11 | 3.48 |

Species Cnemidophorus variegatus

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | 10/24/59 | 48 | 1.2 | .5 | .25 | 5.02 | 1.25 | 1.5 | .5 | .25 | 6.27 | 1.57 |
| 73 | " | 60 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 |
| 74 | " | 71 | 2.2 | 1.3 | 1.69 | 9.20 | 15.46 | 2.5 | 1.2 | 1.44 | 10.45 | 15.05 |
| 76 | " | 63 | 2.7 | 1.3 | 1.69 | 11.29 | 19.08 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 |
| 77 | " | 61 | 2.0 | .9 | .81 | 8.36 | 6.77 | 2.5 | .9 | .81 | 10.45 | 8.46 |
| 80 | " | 67 | 3.1 | 1.2 | 1.44 | 12.96 | 18.66 | 2.9 | 1.2 | 1.44 | 12.12 | 17.45 |
| 81 | " | 73 | 3.2 | 1.2 | 1.44 | 13.38 | 19.27 | 3.1 | 1.1 | 1.21 | 12.96 | 15.68 |
| 82 | 11/15/59 | 66 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 | 2.5 | 1.3 | 1.69 | 10.45 | 17.66 |
| 83 | 3/7/60 | 58 | 3.1 | 1.3 | 1.69 | 12.96 | 21.90 | 3.3 | 1.3 | 1.69 | 13.79 | 23.30 |
| 84 | 3/8/60 | 63 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 |
| 85 | 4/10/60 | 71 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 | 3.8 | 1.9 | 3.61 | 15.88 | 57.33 |
| 86 | " | 60 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 | 3.4 | 1.5 | 2.25 | 14.21 | 31.97 |
| 87 | " | 70 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 88 | " | 59 | 3.2 | 1.3 | 1.69 | 13.38 | 22.61 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 92 | " | 67 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 | 3.9 | 1.7 | 3.61 | 16.30 | 58.84 |
| 94 | 4/10/60 | 64 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 |

Species *Coleonyx variegatus*

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | 4/1/60 | 62 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 | 3.7 | 1.6 | 2.56 | 15.47 | 39.60 |
| 96 | 4/29/60 | 65 | 3.2 | 1.7 | 3.61 | 13.38 | 66.39 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 97 | 4/30/60 | 72 | 4.4 | 1.8 | 3.24 | 18.39 | 59.58 | 4.3 | 1.7 | 2.89 | 17.81 | 54.36 |
| 100 | " | 60 | 2.6 | .9 | .81 | 10.87 | 8.80 | 2.8 | 1.1 | 1.34 | 11.70 | 14.16 |
| 102 | " | 71 | 5.1 | 2.3 | 5.29 | 21.32 | 112.78 | 6.2 | 2.1 | 4.41 | 25.92 | 114.31 |
| 103 | " | 64 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 4.0 | 1.7 | 2.89 | 16.72 | 48.32 |
| 104 | " | 67 | 4.3 | 2.1 | 4.41 | 18.81 | 82.95 | 4.5 | 1.7 | 2.89 | 18.81 | 54.36 |
| 107 | " | 54 | 3.4 | 1.3 | 1.69 | 14.21 | 24.01 | 3.1 | 1.2 | 1.44 | 12.96 | 18.66 |
| 111 | " | 65 | 4.3 | 1.4 | 1.96 | 17.97 | 35.22 | 4.1 | 1.4 | 1.96 | 17.14 | 33.59 |
| 113 | " | 68 | 3.7 | 2.6 | 4.80 | 15.47 | 61.88 | 3.7 | 1.7 | 2.89 | 15.47 | 44.71 |
| 114 | " | 73 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 4.2 | 2.1 | 4.41 | 17.56 | 77.44 |
| 117 | " | 64 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 | 3.3 | 1.7 | 2.89 | 13.79 | 39.85 |
| 119 | " | 71 | 4.3 | 2.1 | 4.41 | 17.97 | 76.88 | 4.4 | 1.9 | 3.61 | 18.39 | 66.39 |
| 121 | " | 72 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 | 4.3 | 2.3 | 5.29 | 17.97 | 95.06 |
| 124 | " | 63 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 |
| 125 | " | 74 | 3.8 | 2.4 | 5.76 | 15.88 | 91.47 | 3.5 | 2.3 | 5.29 | 14.63 | 77.39 |

Species *Cakonyx variegatus*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 4/30/60 | 69 | 4.3 | 2.0 | 4.00 | 17.97 | 71.88 | 4.7 | 1.9 | 3.61 | 19.65 | 70.94 |
| 127 | " | 67 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 |
| 128 | " | 73 | ~~Testis~~ 4.2 | 1.9 | 3.61 | 17.56 | 63.39 | 4.3 | 2.1 | 4.41 | 17.97 | 79.25 |
| 129 | 5/9/60 | 63 | Testis damage | | | ? | ? | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |
| 134 | 5/9/60 | 55 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.5 | 1.3 | 1.69 | 10.45 | 17.66 |
| 136 | " | 67 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 4.1 | 1.9 | 3.61 | 17.14 | 61.87 |
| 137 | " | 72 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 | 4.3 | 1.9 | 3.61 | 17.97 | 64.87 |
| 141 | " | 72 | 4.1 | 2.2 | 4.84 | 17.14 | 82.96 | 4.3 | 2.3 | 5.29 | 17.97 | 95.06 |
| 142 | " | 70 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 | 4.8 | 2.0 | 4.00 | 20.06 | 80.24 |
| 143 | " | 67 | 3.3 | 2.3 | 5.29 | 13.79 | 72.95 | 4.0 | 2.1 | 4.41 | 16.72 | 73.73 |
| 144 | " | 70 | 4.3 | 2.0 | 4.00 | 17.97 | 71.88 | 4.9 | 1.7 | 2.89 | 20.48 | 59.19 |
| 146 | 5/21/60 | 67 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 |
| 148 | 6/9/60 | 75 | 4.5 | 2.3 | 5.29 | 18.81 | 99.50 | 5.1 | 2.2 | 4.84 | 21.32 | 103.19 |
| 150 | " | 62 | 3.0 | 1.5 | 2.25 | 12.54 | 28.21 | 3.1 | 1.8 | 3.24 | 12.96 | 41.99 |
| 152 | " | 68 | 2.9 | 1.7 | 2.89 | 12.12 | 35.03 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 |
| 155 | " | 70 | 3.5 | 1.9 | 3.61 | 14.63 | 52.81 | 3.2 | 1.6 | 2.56 | 13.38 | 34.25 |

Species COLEONYX VARIEGATUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 156 | 6/10/60 | 63 | 3.1 | 1.5 | ~~2.25~~ | 12.96 | 29.16 | 3.9 | 1.6 | 2.56 | 16.30 | 41.73 |
| 159 | 8/8/60 | 56 | 2.2 | 1.0 | 1.00 | 9.20 | 9.20 | 2.4 | 1.0 | 1.00 | 10.03 | 10.03 |
| 161 | 8/9/60 | 68 | 3.4 | 1.4 | ~~1.96~~ 5.57 | 14.21 | 27.85 | 3.7 | 1.6 | 2.56 | 15.47 | 39.60 |
| 164 | 9/9/60 | 69 | 3.1 | 1.4 | ~~1.96~~ 5.55 | 12.96 | 25.40 | 3.2 | 1.1 | 1.21 | 13.38 | 16.19 |
| 165 | " | 62 | 1.9 | .8 | .64 | 7.94 | 5.08 | 1.9 | .7 | .49 | 7.94 | 3.89 |
| 166 | " | 51 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 | 2.0 | .9 | .81 | 8.36 | 6.77 |
| 173 | 10/14/60 | 65 | ~~2.5~~ | .9 | .81 | 10.45 | 8.46 | 2.5 | .9 | .81 | 10.45 | 8.46 |
| 174 | " | 61 | 1.8 | .7 | .49 | 7.52 | 3.68 | 1.7 | .60 | .36 | 7.11 | 2.56 |
| 177 | 11/26/61 | 76 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 |
| 178 | " | 60 | ~~4.0~~ 3.9 | ~~1.6~~ 2.2 | 2.56 | 16.74 | 42.80 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 |
| 179 | 4/15/61 | 70 | 4.5 | 2.2 | 4.84 | 18.81 | 91.04 | 4.3 | ~~2.0~~ | 4.00 | 17.97 | 71.88 |
| 184 | " | 71 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 |
| 185 | " | 71 | 4.0 | 2.0 | 4.00 | 16.72 | 66.88 | 3.3 | 1.3 | 1.69 | 13.79 | 23.30 |
| 187 | " | 69 | 3.0 | 1.5 | 2.25 | 12.54 | 28.21 | 4.1 | 2.2 | 4.84 | 17.14 | 82.96 |
| 188 | " | 73 | 4.6 | 2.2 | 4.84 | 16.12 | 80.92 | 6.1 | 1.9 | 3.61 | 25.50 | 92.05 |
| 191 | " | 77 | 5.5 | 2.1 | 4.41 | 22.99 | 101.39 | 4.6 | 1.9 | 3.61 | 19.23 | 69.42 |

Species COLEONYX VARIEGATUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 193 | 4/15/61 | 72 | 4.6 | 1.9 | ~~3.61~~ 4.44 | 19.23 | 69.42 | 4.6 | 1.9 | 3.61 | 19.23 | 69.42 |
| 194 | " | 70 | 4.5 | ~~2.7~~ | 5.76 | 18.81 | 108.34 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 195 | " | 74 | 4.0 | 2.2 | 4.84 | 19.23 | 93.07 | 5.5 | 2.0 | 4.00 | 22.99 | 91.96 |
| 196 | " | 67 | 3.4 | 2.0 | 4.00 | 14.21 | ~~56.84~~ 56.84 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 |
| 197 | " | 68 | 4.3 | 1.9 | 3.61 | 17.97 | 64.87 | 4.4 | 1.9 | 3.61 | 18.39 | 66.39 |
| 199 | " | 70 | 4.2 | 1.9 | 3.61 | 17.56 | 63.39 | 3.3 | 1.5 | 2.25 | 13.97 | 40.43 |
| 200 | " | 62 | 3.4 | 1.8 | 3.24 | 14.21 | 46.04 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 202 | " | 67 | 4.3 | 1.9 | 3.61 | 17.97 | 64.87 | 4.9 | 1.9 | 3.61 | 20.48 | 73.93 |
| 203 | " | 75 | 6.0 | 2.0 | 4.00 | 25.08 | 100.32 | 6.7 | 2.0 | 4.00 | 28.01 | 112.04 |
| 204 | " | 72 | 4.0 | 1.8 | 3.24 | 16.72 | 54.17 | 4.6 | 2.2 | 4.84 | 16.72 | 80.92 |
| 205 | " | 66 | 3.5 | 2.0 | 4.00 | 14.63 | 66.88 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 210 | 5/13/61 | 60 | 3.9 | 1.5 | 2.25 | 16.30 | 36.67 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 211 | " | 73 | 2.7 | 1.4 | 1.96 | 11.29 | 22.13 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 |
| 212 | " | 77 | 4.8 | 2.2 | 4.84 | 20.06 | 97.09 | 4.9 | 1.9 | 3.61 | 20.48 | 73.93 |
| 213 | " | 73 | 3.7 | 2.4 | 5.76 | 15.47 | 89.12 | 4.6 | 1.9 | 3.61 | 16.72 | 60.36 |
| 214 | " | 77 | 3.6 | 2.0 | 4.00 | 15.05 | 60.20 | 5.2 | 1.9 | 3.61 | 13.38 | 48.30 |

Species Coleonyx variegatus

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 216 | 5/13/61 | 77 | 4.6 | 2.0 | 4.84 | 19.23 | 93.67 | 5.2 | 2.0 | 4.00 | 21.74 | 86.96 |
| 217 | " | 75 | 4.5 | 1.9 | 3.61 | 20.66 | 72.42 | 4.6 | 1.9 | 3.61 | 19.23 | 69.42 |
| 219 | 6/1/61 | 80 | 4.6 | 2.3 | 5.29 | 19.23 | 101.73 | 4.7 | 2.3 | 5.29 | 19.65 | 103.95 |
| 220 | " | 70 | 4.2 | 1.6 | 2.56 | 17.56 | 44.95 | 4.3 | 1.6 | 2.56 | 17.97 | 46.00 |
| 221 | 6/1/61 | 61 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 |
| 223 | " | 65 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 | 2.9 | 1.5 | 2.25 | 12.12 | 27.27 |
| 224 | " | 53 | 3.0 | 1.3 | 1.69 | 12.54 | 21.19 | 3.0 | 1.3 | 1.69 | 12.54 | 21.19 |
| 225 | " | 58 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 |
| 226 | " | 53 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 | 2.9 | 1.2 | 1.44 | 12.12 | 17.45 |
| 230 | 6/5/61 | 64 | 3.3 | 1.7 | 2.89 | 13.79 | 39.85 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 |
| 232 | 6/7/61 | 75 | 5.0 | 2.2 | 4.84 | 20.90 | 101.16 | 5.1 | 2.0 | 4.00 | 21.32 | 85.28 |
| 233 | " | 75 | 5.6 | 1.6 | 2.56 | 23.41 | 59.93 | 5.6 | 1.6 | 2.56 | 23.41 | 59.93 |
| 234 | " | 66 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.5 | 1.3 | 1.69 | 14.63 | 24.72 |
| 235 | " | 69 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.5 | 1.9 | 3.61 | 14.63 | 52.81 |
| 238 | " | 55 | 3.4 | 1.8 | 3.24 | 14.21 | 46.04 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 240 | " | 66 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 | 3.6 | 2.0 | 4.00 | 15.05 | 60.20 |

Species COLEONYX VARIEGATUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 245 | 6/7/61 | 69 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 3.9 | 3.2 | 4.84 | 16.30 | 78.89 |
| 246 | " | 68 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 | 4.1 | 1.5 | 2.25 | 17.14 | 38.56 |
| 247 | " | 65 | 4.7 | 1.8 | 3.24 | 19.65 | 63.67 | 4.9 | 1.2 | 3.24 | 20.49 | 66.35 |
| 248 | " | 65 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 | 4.2 | 1.9 | 3.61 | 17.65 | 70.94 |
| 250 | " | 66 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 251 | " | 67 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 | 3.7 | 1.5 | 2.25 | 15.47 | 34.81 |
| 252 | " | 66 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 4.5 | 1.7 | 2.89 | 18.81 | 54.36 |
| 254 | 6/23/61 | 74 | 3.0 | 1.9 | 3.61 | 14.21 | 51.30 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 258 | 7/21/61 | 76 | 3.1 | 1.2 | 1.44 | 12.96 | 18.66 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 259 | " | 74 | 3.7 | 1.8 | 3.24 | 15.47 | 50.12 | 3.9 | 1.6 | 2.56 | 16.30 | 41.73 |
| 260 | " | 75 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 261 | 8/11/61 | 70 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 262 | " | 69 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.7 | 1.9 | 3.61 | 15.47 | 44.71 |
| 264 | " | 69 | 3.1 | 1.7 | 2.89 | 12.96 | 37.45 | 2.8 | 1.6 | 2.56 | 11.71 | 29.93 |
| 266 | 8/25/61 | 72 | 3.7 | 1.7 | 2.89 | 15.47 | 44.71 | 3.5 | 1.6 | 2.56 | 14.63 | 38.67 |
| 268 | 9/11/61 | 64 | 2.1 | 1.0 | 1.00 | 8.78 | 8.78 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 |

Species COLEONYX VARIEGATUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 271 | 9/12/61 | 68 | 1.9 | 0.8 | 0.64 | 7.94 | 5.08 | 1.9 | 0.7 | 0.49 | 7.94 | 3.89 |
| 273 | " | 68 | 2.5 | 1.3 | 1.69 | 10.45 | 17.66 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 276 | 10/6/61 | 60 | 1.9 | 0.7 | 0.49 | 7.94 | 3.89 | 2.5 | 0.7 | 0.49 | 10.45 | 5.12 |
| 279 | 4/13/62 | 73 | 3.9 | 2.4 | 5.76 | 16.30 | 93.89 | 4.1 | 2.3 | 5.29 | 17.14 | 90.67 |
| 280 | " | 72 | 5.5 | 2.1 | 4.41 | 22.99 | 101.39 | 5.3 | 2.2 | 4.84 | 22.15 | 107.21 |
| 282 | " | 61 | 3.5 | 2.1 | 4.41 | 14.63 | 64.52 | 4.3 | 2.7 | 7.29 | 17.97 | 131.00 |
| 283 | " | 70 | 4.2 | 2.0 | 4.00 | 17.56 | 70.24 | 4.1 | 2.9 | 8.41 | 17.14 | 144.15 |
| 284 | " | 64 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 287 | " | 70 | 4.0 | 1.8 | 3.24 | 16.72 | 54.17 | 4.5 | 1.6 | 2.56 | 18.81 | 48.15 |
| 288 | " | 70 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 4.3 | 1.9 | 3.61 | 17.97 | 64.87 |
| 295 | 6/12/62 | 79 | 4.0 | 2.2 | 4.84 | 16.72 | 80.92 | 4.3 | 2.2 | 4.84 | 17.97 | 86.97 |
| 296 | " | 75 | 4.2 | 2.1 | 4.41 | 17.56 | 77.44 | 4.6 | 1.9 | 3.61 | 19.23 | 69.42 |
| 298 | 7/19/62 | 76 | 4.0 | 1.8 | 3.24 | 16.72 | 54.17 | 4.1 | 1.7 | 2.89 | 17.14 | 49.53 |
| 299 | " | 69 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 | 4.0 | 1.6 | 2.56 | 16.72 | 42.80 |
| 301 | 7/20/62 | 66 | 3.3 | 1.8 | 3.24 | 13.79 | 44.68 | 3.7 | 1.7 | 2.89 | 15.47 | 44.71 |
| 302 | " | 70 | 3.4 | 1.5 | 2.25 | 14.21 | 31.97 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 |

Species COLEONYX VARIEGATUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303 | 7/20/62 | 74 | 3.9 | 1.9 | 3.61 | 16.30 | 58.84 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 304 | 8/4/62 | 69 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | — | — | — | — | — |
| 306 | " | 70 | 3.1 | 1.7 | 2.89 | 12.96 | 37.45 | 4.1 | 1.6 | 2.56 | 17.14 | 43.88 |
| 307 | " | 64 | 3.0 | 1.4 | 1.96 | 12.54 | 24.58 | 3.1 | 1.5 | 2.25 | 12.96 | 29.16 |
| 310 | " | 73 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 3.7 | 1.5 | 2.25 | 15.47 | 34.81 |
| 311 | " | 72 | 3.5 | 1.4 | 1.96 | 14.63 | 28.67 | 3.7 | 1.2 | 1.44 | 15.47 | 22.28 |
| 313 | 8/10/62 | 63 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 | 3.4 | 1.5 | 2.25 | 14.21 | 31.97 |
| 315 | 9/15/62 | 71 | 2.4 | 1.0 | 1.00 | 10.03 | 10.03 | 2.6 | 1.0 | 1.00 | 10.87 | 10.87 |
| 317 | " | 74 | 2.2 | 0.7 | 0.49 | 9.20 | 4.51 | 2.4 | 0.7 | 0.49 | 10.03 | 4.91 |
| 318 | 4/7/63 | 61 | 3.5 | 1.5 | 2.25 | 14.63 | 32.92 | 3.7 | 1.4 | 2.56 | 15.47 | 39.60 |
| 320 | " | 43 | 1.9 | 0.7 | 0.49 | 7.94 | 3.89 | 1.4 | 0.8 | 0.64 | 5.69 | 4.28 |
| 322 | " | 63 | 2.9 | 1.4 | 1.96 | 12.12 | 23.76 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 323 | " | 69 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 3.8 | 2.2 | 4.84 | 15.90 | 76.86 |
| 324 | 4/8/63 | 64 | 3.9 | 2.0 | 4.00 | 16.30 | 65.20 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 326 | " | 58 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 |
| 329 | " | 61 | 2.7 | 1.4 | 1.96 | 11.29 | 22.13 | 2.7 | 1.4 | 1.96 | 11.29 | 22.13 |

Species COLEONYX VARIEGATUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 330 | 4/8/63 | 74 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 | 3.7 | 1.5 | 2.25 | 15.47 | 34.81 |
| 331 | " | 72 | 3.3 | 1.6 | 2.56 | 13.79 | 35.30 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 |
| 334 | 4/28/63 | 67 | 1.9 | 1.5 | 2.25 | 7.94 | 17.87 | 3.8 | 1.9 | 3.61 | 15.88 | 57.33 |
| 335 | " | 64 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 | — | — | | | |
| 336 | " | 62 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 |
| 337 | 5/25/63 | 66 | 3.2 | 1.5 | 2.25 | 13.38 | 30.11 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 |
| 338 | 5/24/63 | 66 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.7 | 1.6 | 2.56 | 15.47 | 39.60 |
| 340 | " | 72 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 | 4.2 | 2.1 | 4.41 | 17.56 | 77.44 |
| 343 | " | 72 | 4.0 | 2.2 | 4.84 | 16.72 | 80.92 | 4.0 | 2.2 | 4.84 | 16.72 | 80.92 |
| 345 | " | 78 | 4.8 | 2.2 | 4.84 | 20.06 | 97.09 | 5.2 | 2.1 | 4.41 | 21.74 | 95.87 |
| 347 | " | 57 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.8 | 2.1 | 4.41 | 11.70 | 51.60 |
| 348 | " | 81 | 4.6 | 2.2 | 4.84 | 19.23 | 93.07 | 4.4 | 1.7 | 2.89 | 18.39 | 53.15 |
| 350 | 6/8/63 | 54 | 2.8 | 1.5 | 2.25 | 11.70 | 26.33 | 2.8 | 1.5 | 2.25 | 11.70 | 26.33 |
| 352 | 4/10/64 | 71 | 4.0 | 1.9 | 3.61 | 16.72 | [illegible] | 4.1 | 1.8 | 3.24 | 17.14 | [illegible] |
| 353 | " | 60 | 3.5 | 1.6 | 2.56 | 14.63 | [illegible] | 3.4 | 1.6 | 2.56 | 14.21 | [illegible] |
| 354 | " | 69 | 4.0 | 1.9 | 3.61 | 16.72 | [illegible] | 4.1 | 1.8 | 3.24 | 17.14 | [illegible] |

Species COLEONYX VARIEGATUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 359 | 4/11/64 | 68 | 3.2 | 2.2 | 4.84 | 13.38 | | 3.4 | 2.1 | 4.41 | 14.21 | |
| 360 | " | 59 | 3.1 | 1.5 | 2.25 | 12.96 | | 3.3 | 1.5 | 2.25 | 13.79 | |
| 361 | " | 67 | 3.7 | 1.4 | 1.96 | 15.47 | | 3.9 | 1.5 | 2.25 | 16.30 | |
| 362 | " | 65 | 3.6 | 2.1 | 4.41 | 15.05 | | 3.6 | 1.9 | 3.61 | 15.05 | |
| 363 | " | 63 | 3.1 | 1.9 | 3.61 | 12.96 | | 3.6 | 1.7 | 2.89 | 15.05 | |
| 364 | " | 64 | 4.1 | 1.9 | 3.61 | 17.14 | | 3.7 | 1.8 | 3.24 | 15.47 | |
| 365 | " | 65 | 3.8 | 1.6 | 2.56 | 15.88 | | 3.8 | 1.8 | 3.24 | 15.88 | |
| 366 | " | 63 | 3.1 | 1.6 | 2.56 | 12.96 | | 2.8 | 1.6 | 2.56 | 11.70 | |
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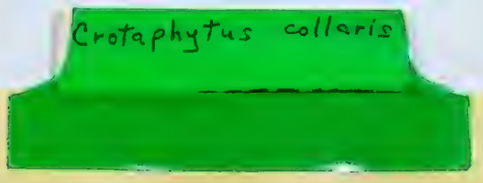
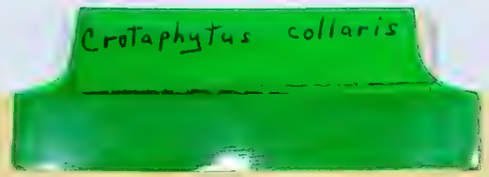
Crotalus
cerastes

Crotalus
cerastes

Species *Crotalus cerastes*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 5/6/61 | | 5.4 | 1.6 | 2.56 | 22.57 | 57.78 | 5.5 | 1.7 | 2.89 | 22.99 | 66.44 |
| 5 | 3/28/62 | | 6.1 | 1.9 | 3.61 | 25.50 | 92.06 | 6.0 | 3.0 | 9.00 | 25.08 | 225.72 |


Crotaphytus collaris


Crotaphytus collaris

Species CROTAPHYTUS COLLARIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4/1/59 | 74 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 3 | 5/16/57 | 106 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 | 2.1 | 1.7 | 2.89 | 8.78 | 25.37 |
| 4 | " | 98 | 2.0 | 1.7 | 2.89 | 8.36 | 24.16 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 5 | " | 81 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | 1.1 | 1.21 | 5.43 | 6.57 |
| 6 | " | 81 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 |
| 10 | 4/20/58 | 122 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 11 | 5/14/60 | 120 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 13 | 5/22/60 | 105 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 14 | " | 108 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.6 | 2.9 | 8.41 | 15.05 | 126.57 |
| 16 | 6/11/60 | 113 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 |
| 18 | " | 83 | 2.1 | 1.5 | 3.24 | 8.78 | 28.45 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 |
| 22 | 7/17/60 | 85 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 23 | 8/10/60 | 103 | 2.6 | 1.3 | 1.69 | 8.36 | 14.13 | 1.8 | 1.2 | 1.44 | 7.52 | 10.83 |
| 24 | " | 101 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 29 | 6/7/61 | 86 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 30 | 5/5/62 | 110 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 | 4.9 | 3.6 | 12.96 | 20.48 | 265.42 |

Species CROTAPHYTUS COLLARIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 5/5/62 | 104 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 |
| 32 | " | 103 | 3.6 | 3.5 | 12.25 | 15.05 | 184.36 | 3.9 | 3.3 | 10.89 | 16.30 | 177.51 |
| 35 | 5/6/62 | 108 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 |
| 36 | 8/18/62 | 108 | 2.3 | 1.0 | 1.00 | 9.61 | 9.61 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 37 | " | 106 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |

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Crotaphytus wislizeni

Species CROTAPHYTUS WISLIZENI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4/24/57 | 107 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 2 | " | 103 | 2.1 | 1.7 | 2.89 | 8.78 | 25.37 | 1.8 | 1.5 | 2.25 | 7.52 | 16.92 |
| 7 | " | 100 | 3.7 | 2.6 | 6.76 | 13.38 | 90.45 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 |
| 8 | 5/23/57 | 110 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 | 3.1 | 3.1 | 9.61 | 12.96 | 124.54 |
| 9 | " | 103 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 10 | 6/10/57 | 103 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 11 | 6/25/57 | 92 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 | 1.6 | 1.6 | 2.56 | 6.69 | 17.13 |
| 13 | 5/5/58 | 96 | 2.0 | 1.1 | 1.21 | 8.36 | 10.11 | 1.6 | 1.6 | 2.56 | 6.69 | 17.13 |
| 15 | 7/21/57 | 96 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 20 | 3/28/60 | 113 | 4.4 | 3.7 | 15.21 | 18.39 | 279.71 | 4.1 | 3.9 | 15.21 | 17.14 | 260.70 |
| 21 | 4/3/60 | 103 | 4.6 | 3.6 | 12.96 | 19.25 | 249.22 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 22 | 4/14/60 | 100 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 | 3.8 | 3.4 | 11.56 | 15.85 | 183.57 |
| 24 | 4/28/60 | 111 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 |
| 26 | 5/1/60 | 115 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 30 | 5/21/60 | 108 | 3.0 | 2.8 | 7.84 | 12.54 | 98.31 | Lost in transit | — | — | — | — |
| 31 | " | 105 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |

Species CROTAPHYTUS WISLIZENI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 5/21/60 | 107 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 3.6 | 3.3 | 10.89 | 15.05 | 163.89 |
| 35 | 6/10/60 | 114 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 36 | " | 112 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 37 | 6/10/60 | 116 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 44 | 4/16/61 | 105 | 3.4 | 2.1 | 7.61 | 14.21 | 136.56 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 |
| 47 | 5/14/61 | 115 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 | 3.0 | 2.8 | 7.84 | 12.54 | 98.31 |
| 48 | 5/15/61 | 103 | 2.1 | 1.4 | 1.96 | 3.78 | 17.21 | 3.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 49 | 6/3/61 | 99 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 50 | 6/8/61 | 113 | 3.4 | 3.2 | 10.24 | 14.21 | 154.75 | 3.2 | 3.2 | 10.24 | 13.38 | 137.01 |
| 57 | 3/28/62 | 103 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 3.6 | 3.4 | 11.56 | 15.05 | 173.98 |
| 58 | 4/14/62 | 98 | 3.3 | 2.4 | 5.76 | 13.79 | 79.43 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 |
| 61 | " | 116 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.2 | 3.5 | 12.25 | 17.56 | 215.11 |
| 62 | 5/4/62 | 99 | 4.9 | 4.3 | 18.49 | 20.48 | 378.68 | 4.7 | 4.1 | 16.81 | 19.65 | 330.32 |
| 64 | " | 93 | 4.4 | 3.9 | 15.21 | 18.39 | 279.71 | 4.7 | 4.2 | 17.64 | 19.65 | 346.63 |
| 66 | 5/5/62 | 104 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 67 | " | 112 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 |

Species CROTAPHYTUS WISLIZENI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 5/5/62 | 112 | 4.5 | 3.4 | 11.56 | 18.81 | 217,44 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 69 | " | 110 | 3.7 | 3.1 | 9.61 | 15,47 | 148,67 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 70 | " | 109 | 5.3 | 4.5 | 20.25 | 22.15 | 448,54 | 5.1 | 4.9 | 24.01 | 21.32 | 511.89 |
| 72 | 5/6/62 | 108 | 3.7 | 3.7 | 13,69 | 15.47 | 211,78 | 3.7 | 3.2 | 10,24 | 15.47 | 158.41 |
| 75 | 6/21/62 | 112 | 2.8 | 2.6 | 6,76 | 11.70 | 79.09 | 3.1 | 2.8 | 7,84 | 12.96 | 101.61 |
| 76 | " | 105 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.5 | 1.5 | 2.25 | 6.27 | 14.11 |
| 77 | " | 108 | 2.9 | 2.7 | 7.29 | 12.12 | 88,35 | 2.9 | 2.8 | 7,84 | 12.12 | 95.02 |
| 78 | 7/11/62 | 100 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 79 | " | 97 | 1.9 | 1.7 | 2.89 | 7.94 | 22.95 | 1.9 | 1.7 | 2.89 | 7.94 | 22.95 |
| 84 | 8/10/62 | 95 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 |
| 86 | " | 99 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 |
| 90 | 4/6/63 | 93 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 |
| 96 | 5/25/63 | 105 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 |
| 98 | 6/7/63 | 105 | 2.9 | 2.3 | 5.29 | 12.12 | 64.11 | 2.8 | 2.6 | 6.76 | 11.70 | 79.09 |
| 99 | 6/8/63 | 97 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 |
| 102 | 5/2/64 | 87 | 4.5 | 4.1 | ~~17.44~~ 16.81 | 18.81 | 316.20 | 4.3 | 4.3 | ~~17.97~~ 18.49 | 17.97 | 3 |

Species CROTAPHYTUS WISLIZENI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103 | 5/24/64 | 87 | 2.5 | 2.2 | 4.84 | 10.45 | [illegible] | 2.6 | 2.3 | 5.29 | 10.87 | [illegible] |
| 104 | 8/18/64 | 113 | 2.1 | 1.8 | 3.24 | 8.78 | [illegible] | 2.2 | 2.1 | 4.41 | 9.20 | [illegible] |
| 106 | 4/15/67 | 105 | 3.9 | 3.6 | 12.96 | 16.30 | 211.24 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 |
| 107 | 4/15/67 | 113 | 3.8 | 3.4 | 11.56 | 15.88 | 183.57 | 3.8 | 3.7 | 13.69 | 15.88 | 217.40 |
| 110 | 4/26/67 | 103 | 3.7 | 3.3 | 10.89 | 14.21 | 154.75 | 3.4 | 3.3 | 10.89 | 14.21 | 154.75 |
| 111 | " | 104 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 | 2.7 | 2.3 | 5.29 | 11.29 | 59.72 |
| 112 | 4/29/67 | 97 | 3.1 | 3.0 | 9.00 | 12.96 | 116.64 | 2.9 | 2.8 | 7.84 | 12.12 | 95.02 |
| 113 | " | 92 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 | 1.5 | 1.5 | 2.25 | 6.27 | 14.11 |
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Dipsosaurus dorsalis

Dipsosaurus dorsalis

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8/23/58 | 133 | 3.9 | 2.2 | 4.84 | 16.30 | 75.89 | 3.9 | 2.2 | 4.84 | 16.30 | 75.89 |
| 2 | " | 121 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 3 | " | 125 | 4.4 | 2.5 | 6.25 | 18.39 | 114.94 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 |
| 4 | " | 127 | 3.0 | 1.5 | 2.25 | 12.54 | 28.21 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 |
| 5 | " | 130 | 3.5 | 1.5 | 2.25 | 14.63 | 32.92 | 3.5 | 1.5 | 2.25 | 14.63 | 32.92 |
| 10 | 4/10/59 | 131 | 3.3 | 2.0 | 4.00 | 13.79 | 55.16 | 3.3 | 2.1 | 4.41 | 13.79 | 60.81 |
| 14 | 4/24/59 | 102 | 2.3 | 1.2 | 1.44 | 9.61 | 13.84 | 2.4 | 1.3 | 1.69 | 10.03 | 16.95 |
| 15 | " | 126 | 3.5 | 2.2 | 4.84 | 14.63 | 70.81 | 3.8 | 2.1 | 4.41 | 15.88 | 70.03 |
| 18 | " | 68 | 1.0 | 0.5 | 0.25 | 4.18 | 1.04 | 1.3 | 0.5 | 0.25 | 5.43 | 1.34 |
| 19 | 4/29/59 | 101 | 1.9 | 0.9 | 0.81 | 7.94 | 6.43 | 2.2 | 1.0 | 1.00 | 9.20 | 9.20 |
| 20 | " | 124 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 21 | " | 120 | 3.2 | 1.7 | 2.89 | 13.38 | 38.69 | 3.2 | 1.7 | 2.89 | 13.38 | 38.67 |
| 22 | " | 100 | 2.0 | 1.1 | 1.21 | 8.36 | 10.12 | 2.0 | 1.1 | 1.21 | 8.36 | 10.11 |
| 23 | " | 119 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 24 | " | 122 | 4.3 | 2.7 | 7.29 | 17.97 | 131.50 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 25 | " | 90 | 1.5 | 0.7 | 0.49 | 6.27 | 3.07 | 2.3 | 0.7 | 0.49 | 9.61 | 4.71 |

Species CYPRINODON DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 5/23/59 | 134 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 | 5.9 | 3.0 | 9.00 | 24.66 | 221.94 |
| 31 | " | 132 | 5.9 | 3.6 | 12.96 | 24.66 | 317.57 | 6.1 | 3.6 | 12.96 | 25.50 | 330.48 |
| 33 | 5/29/59 | 108 | 2.3 | 1.3 | 1.69 | 9.61 | 16.24 | 2.4 | 1.0 | 1.00 | 10.03 | 10.03 |
| 34 | " | 90 | 1.8 | 0.5 | 0.25 | 7.52 | 1.88 | 2.2 | 0.9 | 0.81 | 9.20 | 7.45 |
| 36 | 6/10/59 | 76 | 1.9 | 0.5 | 0.25 | 7.94 | 1.98 | 1.5 | 0.5 | 0.25 | 6.27 | 1.57 |
| 37 | " | 132 | 5.4 | 3.4 | 11.56 | 22.57 | 260.71 | 5.6 | 3.4 | 11.56 | 23.41 | 270.62 |
| 38 | " | 123 | 5.8 | 4.0 | 16.00 | 24.24 | 387.84 | 5.9 | 3.7 | 13.69 | 24.66 | 337.59 |
| 39 | " | 126 | 4.7 | 3.1 | 9.61 | 19.65 | 188.64 | 4.5 | 3.0 | 9.00 | 18.81 | 169.27 |
| 40 | " | 130 | 5.4 | 3.6 | 12.96 | 22.57 | 292.51 | 6.0 | 3.6 | 12.96 | 25.08 | 325.04 |
| 41 | " | 122 | 4.9 | 3.6 | 12.96 | 20.48 | 265.42 | 5.4 | 3.4 | 11.56 | 22.57 | 260.71 |
| 42 | " | 125 | 4.3 | 2.7 | 7.29 | 17.97 | 131.00 | 4.2 | 2.6 | 6.76 | 17.56 | 118.71 |
| 43 | 6/11/59 | 127 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 |
| 45 | " | 117 | 2.5 | 1.2 | 1.44 | 10.45 | 15.05 | 2.4 | 1.4 | 1.96 | 10.03 | 19.66 |
| 46 | " | 134 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 |
| 47 | " | 137 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 | 5.2 | 3.3 | 10.89 | 21.74 | 236.75 |
| 48 | 6/12/59 | 127 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 | 7.0 | 3.9 | 15.21 | 29.26 | 445.04 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 6/12/59 | 113 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 4.3 | 2.9 | 8.41 | 17.97 | 151.13 |
| 51 | | 134 | 5.2 | 3.8 | 14.44 | 21.74 | 313.92 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |
| 52 | | 133 | 5.3 | 3.1 | 9.61 | 22.15 | 212.86 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |
| 54 | | 120 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 5.2 | 3.3 | 10.89 | 21.74 | 236.75 |
| 55 | (captive) 5/23/56 | 125 | 3.4 | 2.1 | 4.41 | 14.21 | 62.67 | 3.4 | 2.1 | 4.41 | 14.21 | 62.67 |
| 56 | 6/23/59 | 121 | 4.8 | 3.7 | 13.69 | 20.06 | 274.62 | 5.6 | 4.0 | 16.00 | 23.41 | 374.56 |
| 57 | " | 132 | 4.5 | 2.8 | 7.84 | 18.81 | 147.47 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 |
| 58 | " | 90 | 1.5 | 0.7 | 0.49 | 6.27 | 3.07 | 1.7 | 0.7 | 0.49 | 7.11 | 3.48 |
| 59 | 7/20/59 | 117 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 | 3.4 | 1.8 | 3.24 | 14.21 | 46.07 |
| 60 | " | 90 | 1.8 | 0.7 | 0.49 | 7.52 | 3.68 | 1.8 | 0.7 | 0.49 | 7.52 | 3.68 |
| 63 | " | 111 | 3.6 | 2.1 | 4.41 | 15.05 | 66.37 | 3.3 | 1.7 | 2.89 | 13.79 | 37.85 |
| 64 | " | 121 | 3.3 | 1.7 | 2.89 | 13.79 | 37.85 | 3.5 | 1.8 | 3.24 | 14.63 | 47.40 |
| 65 | 7/21/59 | 104 | 1.5 | 0.9 | 0.81 | 6.27 | 5.08 | 1.7 | 0.7 | 0.49 | 7.11 | 3.48 |
| 66 | 7/22/59 | 128 | 3.3 | 2.0 | 4.00 | 13.79 | 55.16 | 3.3 | 1.8 | 3.24 | 13.79 | 44.68 |
| 67 | " | 84 | 1.4 | 0.7 | 0.49 | 5.85 | 2.87 | 1.5 | 0.7 | 0.49 | 6.27 | 3.07 |
| 68 | " | 85 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 | 1.2 | 0.6 | 0.36 | 5.02 | 1.81 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70 | 7/22/59 | 112 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 | 3.1 | 1.9 | 3.61 | 12.96 | 46.79 |
| 72 | " | 74 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 | 1.2 | 0.6 | 0.36 | 5.02 | 1.81 |
| 73 | " | 126 | 4.0 | 2.2 | 4.84 | 16.72 | 80.92 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 75 | 8/19/59 | 102 | 2.5 | 1.2 | 1.44 | 10.45 | 15.05 | 2.4 | 1.3 | 1.69 | 10.03 | 16.95 |
| 78 | 8/20/59 | 75 | 1.1 | 0.6 | 0.36 | 4.60 | 1.66 | 1.2 | 0.6 | 0.36 | 5.02 | 1.81 |
| 80 | " | 87 | 1.3 | 0.6 | 0.36 | 5.43 | 1.95 | 1.8 | 0.9 | 0.81 | 7.52 | 6.09 |
| 82 | 8/31/59 | 131 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 83 | 8/19/59 | 126 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 4.3 | 2.1 | 4.41 | 17.97 | 79.25 |
| 84 | 8/20/59 | 131 | 4.1 | 2.2 | 4.84 | 17.14 | 82.96 | 4.0 | 2.0 | 4.00 | 16.72 | 66.88 |
| 85 | " | 122 | 3.7 | 2.2 | 4.84 | 15.47 | 74.87 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 |
| 86 | 8/31/59 | 96 | 2.3 | 0.7 | 0.49 | 9.61 | 4.71 | 2.3 | 0.7 | 0.49 | 9.61 | 4.71 |
| 87 | 9/1/59 | 82 | 1.3 | 0.5 | 0.25 | 5.43 | 1.36 | 1.3 | 0.5 | 0.25 | 5.43 | 1.36 |
| 88 | 9/7/59 | 95 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 89 | " | 107 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 |
| 92 | 3/28/60 | 122 | 4.8 | 3.3 | 10.89 | 20.06 | 218.45 | 5.5 | 2.9 | 8.41 | 22.99 | 193.35 |
| 93 | 4/12/60 | 120 | 6.3 | 4.1 | 16.81 | 26.33 | 442.61 | 6.6 | 3.7 | 13.69 | 27.59 | 377.91 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | 4/12/60 | 89 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 96 | 4/13/60 | 130 | 6.6 | 4.6 | 21.16 | 27.59 | 583.86 | 7.1 | 5.1 | 26.01 | 29.68 | 771.98 |
| 97 | " | 134 | 6.3 | 4.7 | 22.09 | 26.33 | 581.63 | 6.7 | 4.6 | 21.16 | 28.01 | 592.69 |
| 100 | 4/14/60 | 123 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 | 5.8 | 3.4 | 11.56 | 24.24 | 280.21 |
| 101 | " | 130 | 4.8 | 3.4 | 11.56 | 20.06 | 231.84 | 5.3 | 3.4 | 11.56 | 22.15 | 256.05 |
| 103 | " | 89 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 2.3 | 1.2 | 1.44 | 9.61 | 13.84 |
| 106 | " | 127 | 5.1 | 3.8 | 14.44 | 21.32 | 307.86 | 6.2 | 3.7 | 13.69 | 25.92 | 354.84 |
| 108 | " | 132 | 5.8 | 4.2 | 17.64 | 24.24 | 427.59 | 6.9 | 3.8 | 14.44 | 28.84 | 416.45 |
| 110 | " | 130 | 5.7 | 4.1 | 16.81 | 23.83 | 400.58 | 6.3 | 3.7 | 13.69 | 26.33 | 340.96 |
| 111 | " | 111 | 4.2 | 2.7 | 7.29 | 17.56 | 128.01 | 4.5 | 2.2 | 4.84 | 18.81 | 91.04 |
| 112 | " | 123 | 5.0 | 2.9 | 8.41 | 20.90 | 175.77 | 5.1 | 2.8 | 7.84 | 21.32 | 167.15 |
| 113 | " | 122 | 4.4 | 3.3 | 10.89 | 18.39 | 200.27 | 5.1 | 3.2 | 10.24 | 21.32 | 218.32 |
| 114 | " | 118 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 | 5.7 | 3.2 | 10.24 | 23.83 | 244.62 |
| 115 | " | 124 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 117 | " | 128 | 4.8 | 3.7 | 13.69 | 20.06 | 274.62 | 5.3 | 3.3 | 10.89 | 22.15 | 241.21 |
| 118 | " | 119 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122 | 4/21/60 | 134 | 8.0 | 5.0 | 25.00 | 33.44 | 336.00 | 8.5 | 5.5 | 30.25 | 35.53 | 1074.78 |
| 123 | " | 126 | 5.9 | 4.3 | 18.49 | 24.66 | 455.96 | 6.3 | 4.0 | 16.00 | 26.33 | 421.28 |
| 124 | " | 128 | 6.6 | 4.9 | 24.01 | 27.59 | 662.43 | 7.5 | 4.5 | 20.25 | 31.35 | 634.84 |
| 126 | " | 130 | 6.9 | 4.9 | 24.01 | 28.84 | 692.45 | 7.9 | 5.2 | 27.04 | 33.02 | 892.86 |
| 128 | " | 135 | 8.1 | 5.5 | 30.25 | 33.86 | 1024.26 | 7.6 | 4.4 | 19.36 | 31.77 | 615.07 |
| 130 | " | 128 | 6.0 | 5.3 | 28.09 | 25.08 | 704.50 | 6.3 | 5.2 | 27.04 | 26.33 | 711.96 |
| 131 | " | 108 | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 | 5.4 | 3.5 | 12.24 | 22.57 | 276.36 |
| 132 | " | 120 | 5.7 | 4.0 | 16.00 | 23.83 | 381.28 | 6.4 | 3.9 | 15.21 | 26.75 | 406.87 |
| 135 | " | 101 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 | 3.7 | 2.2 | 4.84 | 15.47 | 74.57 |
| 137 | " | 131 | 6.9 | 5.2 | 27.04 | 28.84 | 779.83 | 7.2 | 4.9 | 24.01 | 30.10 | 722.70 |
| 140 | " | 137 | 7.3 | 4.9 | 24.01 | 30.51 | 732.54 | 7.3 | 4.7 | 22.09 | 30.51 | 673.97 |
| 141 | 4/28/60 | 123 | 6.3 | 2.8 | 7.84 | 26.33 | 206.43 | 5.5 | 2.9 | 8.41 | 22.99 | 193.34 |
| 142 | 4/29/60 | 110 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 |
| 143 | 5/1/60 | 129 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 | 3.7 | 1.3 | 1.69 | 15.47 | 26.17 |
| 145 | " | 112 | 1.8 | 0.9 | 0.81 | 7.52 | 6.09 | 2.3 | 0.8 | 0.64 | 9.61 | 6.15 |
| 146 | " | 145 | 6.3 | 4.7 | 22.09 | 26.33 | 581.63 | 6.8 | 4.6 | 21.16 | 28.42 | 601.37 |

Species _____

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 147 | 5/1/60 | 117 | 4.4 | 3.0 | 9.00 | 18.34 | 165.51 | 4.0 | 2.5 | 6.25 | 16.72 | 20.90 |
| 148 | " | 128 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.8 | 3.7 | 13.69 | 24.24 | 331.85 |
| 150 | " | 136 | 5.1 | 2.8 | 7.84 | 21.32 | 167.15 | 5.3 | 2.5 | 6.25 | 22.15 | 138.44 |
| 151 | " | 124 | 3.1 | 1.9 | 3.61 | 12.96 | 46.79 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 |
| 153 | " | 129 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 |
| 156 | 5/9/60 | 132 | 5.5 | 4.4 | 19.36 | 22.99 | 445.09 | 5.8 | 4.0 | 16.00 | 24.24 | 387.84 |
| 157 | " | 127 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 | 6.4 | 3.9 | 15.21 | 26.75 | 406.87 |
| 159 | " | 122 | 5.8 | 3.8 | 14.44 | 24.24 | 350.03 | 6.3 | 3.6 | 12.96 | 26.33 | 341.24 |
| 164 | 5/10/60 | 134 | 6.2 | 3.6 | 12.96 | 25.92 | 335.92 | 6.3 | 3.2 | 10.24 | 26.33 | 269.62 |
| 165 | " | 138 | 6.6 | 4.3 | 18.49 | 27.57 | 510.14 | 6.4 | 4.2 | 17.64 | 26.75 | 471.57 |
| 168 | " | 122 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.3 | 3.4 | 11.56 | 22.15 | 258.05 |
| 170 | 5/14/60 | 123 | 5.1 | 4.1 | 16.81 | 21.32 | 358.39 | 5.1 | 4.1 | 16.81 | 21.32 | 358.39 |
| 173 | " | 128 | 6.0 | 4.7 | 22.09 | 25.08 | 554.02 | 5.6 | 4.0 | 16.00 | 23.41 | 374.56 |
| 174 | " | 124 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 5.8 | 3.5 | 12.25 | 24.24 | 296.94 |
| 177 | " | 122 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 | 5.7 | 3.4 | 11.56 | 23.83 | 275.47 |
| 179 | " | 132 | 6.1 | 4.5 | 20.25 | 25.50 | 516.37 | 6.9 | 4.3 | 18.49 | 28.84 | 533.25 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 180 | 5/14/60 | 122 | 5.1 | 3.9 | 15.21 | 21.32 | 324.28 | 5.5 | 3.7 | 13.69 | 22.99 | 314.73 |
| 182 | " | 113 | 2.1 | 1.2 | 1.44 | 8.78 | 12.44 | 2.4 | 1.2 | 1.44 | 10.03 | 14.44 |
| 185 | " | 127 | 5.8 | 4.0 | 16.00 | 24.24 | 387.84 | 6.6 | 3.9 | 15.21 | 27.59 | 419.64 |
| 188 | " | 124 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 5.1 | 3.1 | 9.61 | 21.32 | 204.88 |
| 189 | " | 120 | 5.3 | 4.0 | 16.00 | 22.15 | 354.40 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |
| 190 | " | 121 | 5.5 | 3.6 | 12.96 | 22.99 | 298.95 | 6.3 | 3.9 | 15.21 | 26.35 | 400.48 |
| 193 | " | 128 | 6.2 | 4.7 | 22.09 | 25.92 | 572.57 | 7.2 | 4.3 | 18.49 | 30.10 | 556.55 |
| 196 | " | 128 | 6.0 | 4.5 | 20.25 | 25.08 | 507.87 | 4.7 | 2.6 | 6.76 | 19.65 | 132.83 |
| 199 | " | 125 | 5.3 | 4.6 | 21.16 | 22.15 | 468.69 | 5.9 | 4.0 | 16.00 | 24.64 | 374.56 |
| 201 | " | 132 | 3.9 | 2.3 | 5.29 | 16.30 | 86.23 | 5.7 | 3.4 | 11.56 | 23.83 | 275.47 |
| 202 | " | 119 | 3.7 | 3.0 | 9.00 | 15.47 | 159.25 | 3.9 | 3.1 | 9.61 | 16.30 | 158.64 |
| 203 | 5/21/60 | 131 | 5.7 | 3.4 | 11.56 | 23.83 | 275.47 | 5.7 | 3.9 | 15.21 | 23.83 | 362.45 |
| 204 | 5/22/60 | 136 | 6.3 | 5.2 | 27.04 | 26.33 | 711.76 | 7.2 | 4.6 | 21.16 | 30.10 | 636.92 |
| 205 | " | 128 | 6.7 | 4.6 | 21.16 | 25.01 | 392.69 | 6.9 | 4.4 | 19.36 | 28.84 | 558.34 |
| 206 | " | 131 | 5.9 | 4.3 | 18.49 | 24.66 | 455.96 | 5.8 | 3.9 | 15.21 | 24.24 | 368.69 |
| 207 | " | 136 | 6.3 | 5.0 | 25.00 | 26.33 | 658.25 | 7.0 | 4.6 | 21.16 | 29.26 | 619.26 |

Species IPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | 5/22/60 | 130 | 6.0 | 4.3 | 18.49 | 25.08 | 463.73 | 6.9 | 4.3 | 18.49 | 28.84 | 535.25 |
| 209 | " | 137 | 6.0 | 4.6 | 21.16 | 25.08 | 530.69 | 7.3 | 4.8 | 23.04 | 30.51 | 712.45 |
| 210 | " | 129 | 6.2 | 4.6 | 21.16 | 25.92 | 548.47 | 6.5 | 4.3 | 18.49 | 27.17 | 502.37 |
| 211 | " | 129 | 5.8 | 4.1 | 16.81 | 24.24 | 407.47 | 6.9 | 4.0 | 16.00 | 28.84 | 461.44 |
| 212 | " | 128 | 6.2 | 4.2 | 17.64 | 25.92 | 457.23 | 6.4 | 4.1 | 16.81 | 26.75 | 449.69 |
| 214 | 5/26/60 | 133 | 6.0 | 4.0 | 16.00 | 25.08 | 401.28 | 4.8 | 3.4 | 11.56 | 20.06 | 231.84 |
| 215 | " | 133 | 5.7 | 3.9 | 15.21 | 23.83 | 362.45 | 5.9 | 3.7 | 13.69 | 24.66 | 337.54 |
| 216 | " | 120 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 | 5.5 | 3.2 | 10.24 | 22.99 | 235.42 |
| 217 | " | 123 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 |
| 218 | " | 126 | 5.4 | 3.4 | 11.56 | 22.57 | 260.91 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 |
| 219 | " | 114 | 2.3 | 1.8 | 3.24 | 9.61 | 31.14 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |
| 220 | " | 123 | 5.1 | 3.1 | 9.61 | 21.32 | 204.88 | 5.1 | 3.1 | 9.61 | 21.32 | 204.88 |
| 221 | " | 133 | 5.9 | 4.0 | 16.00 | 24.66 | 394.56 | 6.5 | 3.7 | 13.69 | 27.17 | 371.96 |
| 226 | " | 136 | 5.7 | 4.0 | 16.00 | 23.83 | 381.28 | 6.0 | 4.0 | 16.00 | 25.08 | 401.28 |
| 228 | 5/22/60 | 130 | 5.7 | 4.7 | 22.09 | 23.83 | 526.40 | 5.2 | 4.6 | 21.16 | 21.74 | 460.02 |
| 229 | 6/9/60 | 109 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 | 2.3 | 1.2 | 1.44 | 9.61 | 13.84 |

Species [illegible]

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231 | 6/9/60 | 110 | 1.9 | 1.1 | 1.21 | 7.94 | 9.61 | 2.3 | 1.8 | 3.24 | 9.61 | 31.14 |
| 232 | " | 118 | 5.8 | 3.4 | 11.56 | 24.24 | 280.21 | 6.1 | 4.1 | 16.81 | 25.50 | 428.65 |
| 233 | " | 121 | 5.7 | 4.2 | 17.64 | 23.83 | 420.36 | 6.3 | 3.9 | 15.21 | 26.33 | 400.46 |
| 234 | " | 124 | 4.8 | 3.7 | 13.69 | 20.06 | 274.62 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |
| 235 | " | 103 | 1.5 | 0.9 | 0.81 | 6.27 | 5.08 | 2.3 | 0.8 | 0.64 | 9.61 | 6.15 |
| 237 | " | 125 | 4.8 | 3.5 | 12.25 | 20.06 | 245.73 | 5.0 | 3.3 | 10.89 | 20.90 | 227.60 |
| 238 | " | 122 | 4.8 | 3.2 | 10.24 | 20.06 | 205.41 | 5.2 | 3.0 | 9.00 | 21.74 | 195.66 |
| 240 | " | 131 | 4.0 | 2.9 | 8.41 | 16.72 | 140.61 | 4.5 | 2.8 | 7.84 | 18.81 | 147.47 |
| 241 | " | 123 | 4.7 | 2.9 | 8.41 | 19.65 | 165.26 | 5.1 | 3.2 | 10.24 | 21.32 | 218.32 |
| 242 | " | 123 | 5.1 | 3.2 | 10.24 | 21.32 | 218.32 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |
| 243 | " | 125 | 4.8 | 3.6 | 12.96 | 20.06 | 257.78 | 5.4 | 3.9 | 15.21 | 22.57 | 345.27 |
| 244 | " | 132 | 4.8 | 3.8 | 14.44 | 20.06 | 287.67 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 |
| 245 | " | 121 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 5.7 | 3.3 | 10.89 | 23.83 | 257.51 |
| 246 | " | 120 | 4.2 | 3.2 | 10.24 | 17.56 | 179.81 | 4.5 | 2.9 | 8.41 | 18.81 | 158.19 |
| 247 | " | 124 | 5.3 | 3.4 | 11.56 | 22.16 | 256.05 | 5.6 | 3.5 | 12.25 | 23.41 | 286.77 |
| 248 | " | 122 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 | 5.0 | 3.0 | 9.00 | 20.90 | 188.10 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249 | 6/9/60 | 120 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 5.2 | 3.1 | 9.61 | 21.74 | 208.93 |
| 250 | " | 123 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 5.1 | 3.6 | 12.96 | 21.32 | 276.31 |
| 252 | " | 136 | 6.0 | 4.1 | 16.81 | 25.08 | 421.59 | 6.5 | 3.7 | 13.69 | 27.17 | 371.96 |
| 253 | 6/10/60 | 108 | 1.7 | 0.9 | 0.81 | 7.11 | 5.76 | 2.1 | 1.0 | 1.00 | 8.78 | 8.78 |
| 254 | " | 128 | 5.5 | 3.9 | 15.21 | 22.99 | 349.68 | 6.6 | 3.8 | 14.44 | 27.59 | 398.40 |
| 256 | " | 136 | 5.7 | 4.2 | 17.64 | 23.83 | 420.36 | 6.4 | 3.6 | 12.96 | 26.75 | 346.68 |
| 257 | " | 138 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 | 6.3 | 3.7 | 13.69 | 26.33 | 360.46 |
| 258 | " | 122 | 4.9 | 3.2 | 10.24 | 20.48 | 209.71 | 4.8 | 3.2 | 10.24 | 20.06 | 205.41 |
| 259 | " | 107 | 2.9 | 2.4 | 5.76 | 12.12 | 69.81 | 3.3 | 1.9 | 3.61 | 13.78 | 49.78 |
| 261 | " | 138 | 6.3 | 4.5 | 20.25 | 26.34 | 533.18 | 8.1 | 4.5 | 20.25 | 35.16 | 685.66 |
| 262 | " | 112 | 1.8 | 1.1 | 1.21 | 7.52 | 9.10 | 1.8 | 1.1 | 1.21 | 7.52 | 9.10 |
| 263 | " | 126 | 4.3 | 3.3 | 10.89 | 17.97 | 195.69 | 4.5 | 2.8 | 7.84 | 18.81 | 147.77 |
| 266 | " | 139 | 5.7 | 4.3 | 18.49 | 23.83 | 440.62 | 6.1 | 4.3 | 18.49 | 25.50 | 471.77 |
| 269 | 6/11/60 | 137 | 6.9 | 5.5 | 30.25 | 28.84 | 872.41 | 6.8 | 4.9 | 24.01 | 28.42 | 682.36 |
| 271 | " | 133 | 5.7 | 4.5 | 20.25 | 23.83 | 482.56 | 5.6 | 3.7 | 13.69 | 23.41 | 320.75 |
| 272 | " | 131 | 5.2 | 3.9 | 15.21 | 21.74 | 330.66 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |

Species THAMNOPHIS SIRTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 6/11/60 | 134 | 5.5 | 4.0 | 16.00 | 22.99 | 367.87 | 6.5 | 3.4 | 11.56 | 27.17 | 314.08 |
| 274 | " | 102 | 4.8 | 2.6 | 6.76 | 20.06 | 135.60 | 4.6 | 2.6 | 6.76 | 19.23 | 129.97 |
| 275 | " | 130 | 5.4 | 4.2 | 17.64 | 22.57 | 398.13 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |
| 276 | " | 133 | 6.0 | 4.5 | 20.25 | 25.08 | 507.87 | 5.9 | 4.2 | 17.64 | 24.66 | 435.00 |
| 277 | " | 138 | 5.6 | 4.5 | 20.25 | 23.41 | 474.05 | 6.0 | 4.5 | 20.25 | 25.08 | 507.87 |
| 278 | " | 139 | 5.9 | 4.5 | 20.25 | 24.66 | 499.36 | 6.0 | 4.1 | 16.81 | 25.08 | 421.59 |
| 279 | " | 130 | 5.3 | 4.3 | 18.49 | 22.15 | 409.55 | 6.0 | 4.3 | 18.49 | 25.08 | 463.71 |
| 280 | " | 137 | 5.7 | 3.7 | 13.69 | 23.83 | 326.23 | 6.0 | 3.4 | 11.56 | 25.08 | 289.92 |
| 281 | " | 130 | 5.2 | 4.6 | 21.16 | 21.74 | 460.02 | 5.8 | 4.3 | 18.49 | 24.24 | 448.30 |
| 283 | " | 115 | 5.0 | 3.0 | 9.00 | 20.90 | 188.10 | 5.4 | 3.2 | 10.24 | 22.57 | 231.17 |
| 286 | " | 127 | 5.7 | 4.2 | 17.64 | 23.83 | 420.36 | 6.2 | 3.9 | 15.21 | 25.92 | 394.34 |
| 287 | " | 130 | 5.5 | 3.7 | 13.69 | 22.99 | 314.73 | 5.5 | 4.0 | 16.00 | 22.99 | 367.84 |
| 289 | " | 132 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 | 6.2 | 3.7 | 13.69 | 25.92 | 354.84 |
| 290 | 6/12/60 | 132 | 6.4 | 4.1 | 16.81 | 26.75 | 449.67 | 6.6 | 3.8 | 14.44 | 27.59 | 398.42 |
| 292 | " | 125 | 6.5 | 4.0 | 16.00 | 27.13 | 434.22 | 7.5 | 4.6 | 21.16 | 31.35 | 663.37 |
| 297 | 7/15/60 | 130 | 3.8 | 2.4 | 5.76 | 15.88 | 91.47 | 3.8 | 2.2 | 4.84 | 15.88 | 76.89 |

Species _____

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 298 | 7/15/60 | 119 | 3.2 | 2.1 | 4.41 | 13.38 | 59.01 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 |
| 300 | 7/16/60 | 134 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 5.1 | 3.7 | 13.69 | 21.32 | 271.57 |
| 301 | " | 137 | 5.5 | 3.7 | 13.69 | 22.99 | 314.73 | 5.8 | 3.1 | 9.61 | 24.24 | 232.75 |
| 302 | " | 130 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 | 5.7 | 3.5 | 12.25 | 23.83 | 291.92 |
| 303 | " | 134 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 |
| 306 | " | 128 | 6.6 | 3.0 | 9.00 | 27.51 | 248.31 | 4.4 | 2.6 | 6.76 | 18.37 | 124.32 |
| 307 | " | 125 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 308 | 7/17/60 | 140 | 5.1 | 3.2 | 10.24 | 21.32 | 218.32 | 5.0 | 3.0 | 9.00 | 20.90 | 188.10 |
| 309 | " | 140 | 5.7 | 3.7 | 13.69 | 23.85 | 326.23 | 6.2 | 3.2 | 10.24 | 25.92 | 265.42 |
| 310 | 7/23/60 | 116 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 |
| 312 | " | 125 | 2.9 | 2.0 | 4.00 | 12.13 | 48.48 | 3.4 | 1.8 | 3.24 | 14.21 | 46.07 |
| 313 | " | 123 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 | 4.2 | 2.4 | 5.76 | 17.56 | 101.15 |
| 315 | " | 125 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 4.2 | 2.4 | 5.76 | 17.56 | 101.15 |
| 316 | " | 124 | 3.3 | 1.9 | 3.61 | 13.79 | 49.78 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 |
| 317 | " | 113 | 2.4 | 1.2 | 1.44 | 10.03 | 14.44 | 3.6 | 1.3 | 1.69 | 15.05 | 25.43 |
| 318 | " | 95 | 2.1 | 1.0 | 1.00 | 8.78 | 8.78 | 2.3 | 1.0 | 1.00 | 9.61 | 9.61 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 319 | 7/23/60 | 113 | 3.0 | 1.8 | 3.24 | 12.54 | 41.63 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 320 | " | 122 | 2.7 | 1.7 | 2.89 | 11.29 | 32.63 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 |
| 321 | " | 126 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 |
| 326 | 8/10/60 | 134 | 3.8 | 1.7 | 2.89 | 15.85 | 45.89 | 3.6 | 2.0 | 4.00 | 15.05 | 60.20 |
| 328 | " | 125 | 3.6 | 2.1 | 4.41 | 15.05 | 66.37 | 3.8 | 1.9 | 3.61 | 15.98 | 57.33 |
| 336 | 8/11/60 | 124 | 2.9 | 1.5 | 2.25 | 12.12 | 27.27 | 2.8 | 1.7 | 2.89 | 11.70 | 33.51 |
| 337 | " | 125 | 4.4 | 2.7 | 7.29 | 18.37 | 134.06 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 |
| 338 | 8/15/60 | 122 | 3.5 | 1.6 | 2.56 | 14.63 | 37.45 | 3.6 | 2.1 | 4.41 | 15.05 | 66.37 |
| 339 | " | 132 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 |
| 341 | " | 124 | 2.9 | 1.7 | 2.89 | 12.12 | 35.03 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 342 | " | 129 | 3.3 | 2.0 | 4.00 | 13.79 | 55.16 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 |
| 343 | " | 131 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.7 | 1.5 | 2.25 | 11.29 | 25.40 |
| 344 | " | 125 | 2.4 | 1.6 | 2.56 | 10.03 | 25.68 | 3.0 | 1.4 | 1.96 | 12.54 | 24.58 |
| 345 | " | 122 | 3.2 | 2.1 | 4.41 | 13.38 | 59.01 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |
| 347 | " | 133 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 |
| 348 | " | 127 | 3.3 | 1.8 | 3.24 | 13.79 | 44.65 | 3.3 | 1.4 | 1.96 | 13.79 | 27.03 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 350 | 8/11/60 | 123 | 3.1 | 1.5 | 2.25 | 12.96 | 29.16 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 |
| 352 | " | 141 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 4.3 | 1.9 | 3.61 | 17.97 | 64.87 |
| 353 | " | 127 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 | 3.5 | 1.8 | 3.24 | 14.63 | 47.40 |
| 355 | " | 131 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 |
| 357 | 9/11/60 | 128 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |
| 358 | " | 130 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.6 | 1.7 | 2.89 | 15.05 | 43.49 |
| 359 | " | 121 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 | 3.3 | 1.7 | 2.89 | 13.79 | 37.85 |
| 361 | " | 120 | 2.7 | 1.5 | 2.25 | 11.29 | 25.40 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 |
| 364 | 9/16/60 | 123 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 366 | " | 124 | 3.9 | 2.4 | 5.76 | 16.30 | 93.87 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 368 | " | 113 | 2.7 | 1.7 | 2.89 | 11.29 | 32.63 | 3.0 | 1.3 | 1.69 | 12.54 | 21.17 |
| 369 | 9/9/60 | 122 | 3.5 | 1.8 | 3.24 | 14.70 | 47.61 | 3.2 | 1.6 | 2.56 | 13.35 | 34.25 |
| 371 | " | 122 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 4.3 | 2.8 | 7.84 | 17.97 | 140.38 |
| 373 | " | 114 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.6 | 2.1 | 4.41 | 15.05 | 66.37 |
| 374 | " | 107 | 1.9 | 1.1 | 1.21 | 7.94 | 7.61 | 1.9 | 1.1 | 1.21 | 7.94 | 9.61 |
| 376 | " | 124 | 2.9 | 1.6 | 2.56 | 12.12 | 31.03 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 |

Species _____

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 378 | 4/4/61 | 121 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |
| 379 | " | 111 | 2.3 | 1.0 | 1.00 | 9.61 | 9.61 | 2.2 | 1.0 | 1.00 | 9.20 | 9.20 |
| 383 | " | 126 | 3.2 | 1.7 | 2.89 | 13.38 | 38.67 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |
| 388 | 4/10/61 | 125 | 3.7 | 2.2 | 4.84 | 15.47 | 24.87 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 390 | " | 113 | 1.7 | 1.0 | 1.00 | 7.11 | 7.11 | 1.9 | .9 | .81 | 7.94 | 6.43 |
| 391 | " | 147 | 4.9 | 2.8 | 7.84 | 20.06 | 157.27 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 392 | " | 122 | 4.6 | 3.0 | 9.10 | 19.23 | 173.07 | 4.6 | 2.8 | 7.84 | 19.23 | 150.16 |
| 393 | " | 129 | 3.5 | 2.4 | 5.76 | 14.63 | 84.27 | 3.9 | 2.2 | 4.84 | 16.30 | 78.87 |
| 394 | 5/6/61 | 128 | 5.6 | 3.9 | 15.21 | 23.41 | 356.07 | 6.0 | 3.4 | 11.56 | 25.08 | 289.92 |
| 395 | " | 118 | 4.4 | 2.9 | 8.41 | 18.39 | 154.66 | 4.9 | 2.9 | 8.41 | 20.48 | 172.24 |
| 396 | " | 125 | 4.6 | 3.7 | 13.69 | 19.23 | 265.26 | 4.7 | 3.6 | 12.96 | 19.65 | 254.66 |
| 397 | " | 135 | 5.6 | 4.3 | 18.49 | 23.41 | 432.85 | 6.4 | 4.0 | 16.00 | 26.75 | 428.00 |
| 398 | " | 125 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.4 | 3.6 | 12.96 | 22.57 | 292.51 |
| 399 | " | 128 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.2 | 3.3 | 10.89 | 21.74 | 236.75 |
| 401 | " | 126 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 |
| 404 | " | 120 | 3.1 | 1.9 | 3.61 | 12.96 | 46.79 | 3.3 | 1.9 | 3.61 | 13.81 | 49.78 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 405 | 5/6/61 | 121 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 409 | 5/11/61 | 129 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 |
| 412 | 5/14/61 | 134 | 4.7 | 3.3 | 10.89 | 19.65 | 213.99 | 5.5 | 3.4 | 11.56 | 22.99 | 265.76 |
| 414 | " | 134 | 5.7 | 3.7 | 13.69 | 23.83 | 326.23 | 6.1 | 3.4 | 11.56 | 25.50 | 294.75 |
| 415 | 5/18/61 | 118 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |
| 416 | " | 126 | 3.7 | 2.2 | 4.84 | 15.47 | 74.87 | 4.1 | 2.3 | 5.29 | 17.14 | 90.67 |
| 418 | " | 135 | 5.7 | 4.1 | 16.81 | 23.83 | 400.58 | 6.4 | 4.3 | 18.49 | 26.75 | 494.61 |
| 419 | " | 123 | 2.6 | 1.6 | 2.56 | 10.87 | 27.83 | 3.4 | 1.7 | 3.61 | 14.21 | 51.30 |
| 420 | " | 125 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 | 6.2 | 4.0 | 16.00 | 25.93 | 414.72 |
| 422 | " | 123 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 424 | " | 125 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 | 5.5 | 3.7 | 13.69 | 22.99 | 314.73 |
| 425 | " | 123 | 2.9 | 1.6 | 2.56 | 12.21 | 25.90 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 |
| 426 | " | 122 | 5.9 | 3.5 | 12.25 | 24.66 | 337.57 | 6.1 | 3.3 | 10.89 | 25.50 | 277.67 |
| 428 | " | 104 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 |
| 429 | 6/2/61 | 108 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 2.2 | 1.1 | 1.21 | 9.20 | 11.13 |
| 430 | 6/4/61 | 119 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 5.3 | 3.1 | 9.61 | 22.15 | 212.86 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 431 | 6/6/61 | 121 | 5.1 | 3.2 | 10.24 | 21.32 | 218.37 | 5.0 | 2.8 | 7.84 | 20.90 | 163.86 |
| 433 | " | 106 | 2.5 | 2.6 | 6.76 | 10.45 | 70.64 | 3.1 | 1.3 | 1.69 | 12.71 | 21.70 |
| 435 | 6/6/61 | 127 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.5 | 3.4 | 11.56 | 23.07 | 280.91 |
| 437 | " | 96 | 1.5 | .7 | 0.49 | 6.27 | 3.07 | 1.7 | .7 | 0.49 | 7.11 | 3.48 |
| 438 | 6/10/61 | 123 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 | 5.0 | 3.9 | 8.41 | 20.90 | 175.77 |
| 439 | " | 131 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 | 4.3 | 2.8 | 7.84 | 17.97 | 140.58 |
| 440 | " | 124 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 4.9 | 3.3 | 10.89 | 20.48 | 223.03 |
| 441 | " | 127 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 | 5.4 | 3.2 | 10.24 | 22.61 | 231.12 |
| 442 | 6/10/61 | 125 | 4.4 | 3.3 | 10.89 | 18.44 | 200.27 | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 |
| 443 | " | 124 | 4.2 | 2.4 | 5.41 | 17.55 | 151.13 | 4.6 | 3.2 | 10.24 | 19.23 | 196.91 |
| 444 | " | 126 | 5.1 | 3.6 | 12.96 | 21.32 | 276.31 | 5.3 | 3.6 | 12.96 | 22.24 | 352.03 |
| 445 | " | 119 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 446 | " | 127 | 4.3 | 3.0 | 9.00 | 20.06 | 180.54 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |
| 447 | " | 137 | 5.4 | 3.7 | 13.69 | 22.57 | 303.48 | 6.1 | 2.8 | 10.24 | 25.50 | 363.22 |
| 448 | " | 124 | 5.2 | 3.5 | 12.25 | 21.74 | 266.31 | 5.2 | 3.5 | 12.25 | 21.74 | 266.31 |
| 449 | " | 130 | 4.9 | 3.5 | 12.25 | 20.48 | 250.58 | 4.6 | 3.4 | 11.56 | 19.23 | 220.30 |

DIPSOSAURUS DORSALIS

Species

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 450 | 6/18/61 | 135 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 |
| 451 | 6/19/61 | 134 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 | 5.3 | 3.1 | 9.61 | 22.15 | 212.86 |
| 456 | " | 130 | 5.3 | 4.3 | 18.49 | 22.15 | 409.55 | 6.0 | 3.6 | 12.96 | 25.08 | 325.04 |
| 457 | " | 132 | 4.5 | 3.2 | 10.24 | 18.81 | 188.31 | 4.7 | 3.6 | 12.96 | 19.65 | 254.66 |
| 458 | " | 117 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.6 | 1.7 | 2.89 | 10.87 | 31.41 |
| 459 | " | 125 | 4.2 | 3.0 | 9.00 | 17.58 | 158.04 | 4.3 | 3.4 | 11.56 | 25.06 | 231.59 |
| 461 | " | 103 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 462 | " | 102 | 3.2 | 3.1 | 9.61 | 21.74 | 208.92 | 4.3 | 3.0 | 9.00 | 20.06 | 180.54 |
| 463 | " | 132 | 4.9 | 2.6 | 6.76 | 20.48 | 138.44 | 5.4 | 2.6 | 6.76 | 22.57 | 152.57 |
| 465 | " | 117 | 3.4 | 3.4 | 11.56 | 21.74 | 251.31 | 6.1 | 3.8 | 9.00 | 25.50 | 229.50 |
| 466 | " | 111 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 4.3 | 2.8 | 7.84 | 17.97 | 176.58 |
| 469 | " | 104 | 2.3 | 1.6 | 2.56 | 10.45 | 26.75 | 2.8 | 1.6 | 2.56 | 11.72 | 29.95 |
| 470 | " | 130 | 5.2 | 4.3 | 18.49 | 21.74 | 401.97 | 5.8 | 4.1 | 16.81 | 24.24 | 407.77 |
| 471 | " | 123 | 5.2 | 3.7 | 13.69 | 22.15 | 303.23 | 5.3 | 3.2 | 10.24 | 23.14 | 235.42 |
| 472 | 6/25/61 | 128 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 473 | " | 135 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 |

Species DIPSOSAURUS DORSALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 474 | 6/25/61 | 122 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 476 | 7/17/61 | 114 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 |
| 477 | " | 123 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.7 | 3.0 | 9.00 | 19.65 | 176.85 |
| 478 | " | 120 | 3.0 | 1.2 | 1.44 | 12.54 | 18.06 | 3.2 | 1.3 | 1.69 | 13.38 | 22.61 |
| 479 | " | 119 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 |
| 481 | " | 125 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 4.6 | 3.2 | 10.24 | 19.23 | 196.91 |
| 482 | " | 122 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 |
| 483 | " | 124 | 3.6 | ~~2.7~~ ~~3.2~~ | 7.29 | 15.05 | 109.71 | 4.1 | 2.5 | 6.25 | 17.14 | 107.12 |
| 484 | " | 121 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 | 5.1 | 3.3 | 10.89 | 21.32 | 232.17 |
| 485 | " | 114 | 3.9 | 2.5 | 6.25 | 16.30 | 101.87 | 4.6 | 2.5 | 6.25 | 19.23 | 120.19 |
| 487 | " | 123 | 3.0 | 1.8 | 3.24 | 12.54 | 40.63 | 2.8 | ~~1.6~~ ~~1.9~~ | 2.56 | 11.70 | 29.95 |
| 490 | " | 123 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 5.2 | 3.2 | 10.24 | 21.74 | 222.62 |
| 492 | " | 124 | 3.1 | 2.0 | 4.00 | 12.96 | 51.84 | 3.9 | 1.9 | 3.61 | 16.30 | 58.84 |
| 493 | " | 127 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 |
| 497 | 7/18/61 | 123 | 4.1 | 2.6 | 6.76 | 17.14 | 115.87 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 |
| 498 | " | 133 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 501 | 7/22/61 | 140 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 |
| 502 | 7/23/61 | 112 | 1.7 | 1.1 | 1.21 | 7.11 | 8.60 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 |
| 503 | " | 105 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.7 | 1.0 | 1.00 | 7.11 | 7.11 |
| 504 | " | 132 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.7 | 2.8 | 7.84 | 19.65 | 154.06 |
| 505 | 5/12/61 | 138 | 2.8 | 2.0 | 4.84 | 11.70 | 56.63 | 2.8 | 2.0 | 4.00 | 15.38 | 65.52 |
| 507 | " | 105 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 508 | " | 108 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 | 2.4 | 1.0 | 1.00 | 10.03 | 10.03 |
| 509 | " | 102 | 1.4 | .9 | .81 | 5.85 | 4.74 | 1.9 | 1.0 | 1.00 | 7.52 | 7.52 |
| 511 | 8/10/61 | 100 | 2.0 | 1.1 | 1.21 | 8.36 | 10.12 | 2.2 | 1.1 | 1.21 | 9.20 | 11.13 |
| 514 | 8/10/61 | 126 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 3.6 | 1.9 | 3.61 | 15.05 | 54.33 |
| 515 | " | 126 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 | 3.5 | 1.8 | 3.24 | 14.63 | 47.44 |
| 516 | " | 118 | 3.1 | 1.8 | 3.24 | 12.96 | 41.99 | 3.1 | 1.8 | 3.24 | 12.96 | 41.99 |
| 517 | " | 126 | 3.6 | 1.5 | 2.25 | 15.05 | 26.32 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 518 | " | 118 | 2.6 | 1.5 | 2.25 | 10.87 | 26.32 | 2.9 | 1.7 | 2.89 | 12.12 | 35.03 |
| 520 | " | 123 | 3.1 | 1.7 | 2.89 | 12.96 | 46.71 | 3.5 | 1.7 | 2.89 | 14.63 | 47.40 |
| 523 | " | 127 | 2.3 | 1.3 | 1.69 | 9.61 | 29.81 | 2.6 | 1.4 | 1.96 | 10.87 | 21.30 |

Species *Dipsosaurus Dorsalis*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 524 | 8/24/61 | 132 | 2.7 | 1.7 | 2.89 | 11.29 | 32.63 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 |
| 527 | " | 126 | 3.3 | 1.9 | 3.61 | 13.79 | 49.78 | 3.5 | 2.1 | 4.41 | 14.63 | 64.52 |
| 525 | " | 126 | 3.3 | 1.6 | 2.56 | 13.79 | 29.95 | 3.4 | 1.7 | 2.89 | 14.21 | 51.30 |
| 529 | " | 107 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 | 2.8 | 1.5 | 2.25 | 11.70 | 14.16 |
| 530 | " | 105 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 2.6 | 1.3 | 1.69 | 10.87 | 18.37 |
| 531 | " | 126 | 3.6 | 1.8 | 3.24 | 15.05 | 46.63 | 3.4 | 1.8 | 3.24 | 14.21 | 46.99 |
| 532 | 8/24/61 | 125 | 3.2 | 1.9 | 3.61 | 13.37 | 48.30 | 3.2 | 1.9 | 3.61 | 13.37 | 48.30 |
| 534 | 8/24/61 | 114 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 3.2 | 1.8 | 3.24 | 13.37 | 43.35 |
| 535 | 9/16/61 | 130 | 3.3 | 1.8 | 3.24 | 13.79 | 44.68 | 4.0 | 1.7 | 2.89 | 16.72 | 48.32 |
| 536 | " | 112 | 2.5 | 1.4 | 1.96 | 10.45 | 20.48 | 2.4 | 1.4 | 1.96 | 10.03 | 19.66 |
| 537 | " | 126 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 538 | " | 130 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 | 3.4 | 1.9 | 3.61 | 14.21 | 51.30 |
| 539 | " | 123 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 3.4 | 1.8 | 3.24 | 14.21 | 46.04 |
| 540 | 10/10/61 | 118 | 2.9 | 1.5 | 2.25 | 12.12 | 27.27 | 2.8 | 1.4 | 1.96 | 11.70 | 22.93 |
| 541 | 3/28/62 | 118 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 4.5 | 2.5 | 6.25 | 18.81 | 117.56 |
| 544 | " | 128 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 | 4.1 | 2.6 | 6.76 | 17.14 | 115.87 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 545 | 3/28/62 | 124 | 3.7 | 2.7 | 7.29 | 15.47 | 112.78 | 4.1 | 2.6 | 6.76 | 17.14 | 115.87 |
| 546 | " | 130 | 4.7 | 2.6 | 6.76 | 19.65 | 132.83 | 5.3 | 2.5 | 6.25 | 22.15 | 138.44 |
| 547 | " | 128 | 4.2 | 2.5 | 6.25 | 17.56 | 109.75 | 4.6 | 2.6 | 6.76 | 19.23 | 129.99 |
| 548 | " | 130 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 | 4.7 | 2.6 | 6.76 | 19.65 | 132.83 |
| 549 | 4/15/62 | 133 | 5.0 | 4.1 | 16.81 | 20.90 | 351.33 | 6.0 | 3.5 | 12.25 | 25.08 | 307.23 |
| 551 | 4/14/62 | 139 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.9 | 3.2 | 10.24 | 20.48 | 209.71 |
| 552 | " | 134 | 5.6 | 3.7 | 13.69 | 23.41 | 320.48 | 6.5 | 3.6 | 12.96 | 27.17 | 352.12 |
| 553 | " | 110 | 3.1 | 1.6 | 2.56 | 12.96 | 33.18 | 3.2 | 1.7 | 2.89 | 13.38 | 38.67 |
| 554 | " | 118 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 5.4 | 3.1 | 9.61 | 22.57 | 216.90 |
| 555 | " | 120 | 5.2 | 3.7 | 13.69 | 21.74 | 297.62 | 5.7 | 4.0 | 16.00 | 23.83 | 381.28 |
| 556 | " | 127 | 6.1 | 3.9 | 15.21 | 25.50 | 387.86 | 6.9 | 4.1 | 16.81 | 28.84 | 484.80 |
| 560 | " | 139 | 5.6 | 3.6 | 12.96 | 23.41 | 303.39 | 6.4 | 3.4 | 11.56 | 26.75 | 309.23 |
| 561 | " | 129 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.2 | 3.9 | 15.21 | 21.74 | 330.66 |
| 562 | " | 135 | 4.5 | 3.2 | 10.24 | 18.81 | 192.61 | 5.5 | 3.4 | 11.56 | 22.99 | 265.76 |
| 568 | 4/23/62 | 131 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 4.0 | 2.3 | 5.29 | 16.72 | 88.45 |
| 569 | " | 126 | 3.8 | 2.0 | 4.00 | 15.88 | 63.52 | 3.3 | 2.0 | 4.00 | 13.79 | 55.16 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 570 | 4/23/62 | 120 | 2.0 | 1.0 | 1.00 | 8.36 | 8.36 | 2.3 | 1.0 | 1.00 | 9.61 | 9.61 |
| 572 | " | 126 | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 | 5.3 | 3.3 | 10.89 | 22.15 | 241.21 |
| 574 | " | 123 | 3.3 | 2.3 | 5.29 | 13.79 | 72.95 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 |
| 575 | " | 129 | 3.7 | 2.7 | 7.29 | 15.47 | 112.78 | 4.5 | 2.7 | 7.29 | 18.81 | 137.12 |
| 576 | 4/24/62 | 125 | 5.5 | 3.4 | 11.56 | 22.99 | 265.76 | 5.1 | 3.0 | 9.00 | 21.32 | 191.88 |
| 577 | " | 130 | 5.1 | 3.9 | 15.21 | 21.32 | 324.28 | 6.0 | 4.1 | 16.81 | 25.08 | 421.59 |
| 579 | " | 121 | 5.4 | 4.2 | 17.64 | 22.57 | 398.13 | 5.9 | 4.3 | 18.49 | 24.66 | 455.96 |
| 580 | " | 130 | 6.2 | 4.6 | 21.16 | 25.92 | 548.47 | 6.2 | 4.5 | 20.25 | 25.92 | 524.88 |
| 584 | " | 120 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 | 5.2 | 2.9 | 8.41 | 21.74 | 182.83 |
| 585 | " | 132 | 5.4 | 4.2 | 17.64 | 22.57 | 398.13 | 6.6 | 3.9 | 15.21 | 27.59 | 419.64 |
| 587 | " | 130 | 5.0 | 4.1 | 16.81 | 20.90 | 351.33 | 6.0 | 4.4 | 19.36 | 25.08 | 485.55 |
| 588 | 5/6/62 | 129 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 589 | " | 129 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.5 | 3.1 | 9.61 | 18.81 | 180.76 |
| 590 | " | 108 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 | 1.9 | 0.7 | 0.49 | 7.94 | 3.89 |
| 591 | " | 112 | 2.8 | 1.8 | 3.24 | 11.70 | 37.91 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 |
| 592 | " | 125 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 593 | 5/6/62 | 130 | 2.8 | 1.8 | 3.24 | 11.70 | 37.91 | 3.4 | 1.8 | 3.24 | 14.21 | 46.04 |
| 594 | " | 135 | 3.7 | 2.0 | 4.00 | 15.47 | 61.88 | 4.0 | 1.9 | 3.61 | 16.72 | 60.36 |
| 596 | " | 123 | 3.9 | 2.5 | 6.25 | 16.30 | 101.88 | 4.1 | 2.2 | 4.84 | 17.14 | 82.96 |
| 597 | " | 131 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 |
| 599 | " | 125 | 4.5 | 3.1 | 9.61 | 18.81 | 180.76 | 5.4 | 3.6 | 12.96 | 22.57 | 292.51 |
| 600 | " | 127 | 5.3 | 3.7 | 13.69 | 22.15 | 303.23 | 5.6 | 3.6 | 12.96 | 23.41 | 303.39 |
| 603 | 5/13/62 | 133 | 5.5 | 3.6 | 12.96 | 22.99 | 297.95 | 5.9 | 3.4 | 11.56 | 24.66 | 285.07 |
| 604 | " | 113 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 608 | " | 133 | 5.6 | 3.7 | 13.69 | 23.41 | 320.48 | 6.2 | 3.7 | 13.69 | 25.92 | 354.84 |
| 609 | 5/24/62 | 127 | 5.7 | 3.9 | 15.21 | 23.83 | 362.45 | 6.3 | 3.7 | 13.69 | 26.33 | 360.46 |
| 610 | " | 127 | 5.2 | 4.3 | 18.49 | 21.74 | 401.97 | 6.2 | 4.3 | 18.49 | 25.92 | 479.26 |
| 611 | " | 120 | 6.4 | 3.9 | 15.21 | 26.75 | 406.87 | 6.9 | 3.9 | 15.21 | 28.84 | 438.66 |
| 612 | " | 135 | 5.4 | 3.7 | 13.69 | 22.57 | 308.98 | 6.2 | 4.0 | 16.00 | 25.92 | 414.72 |
| 615 | " | 131 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 | 6.0 | 3.7 | 13.69 | 25.08 | 343.34 |
| 618 | 6/5/62 | 130 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.8 | 3.0 | 9.00 | 20.06 | 180.54 |
| 619 | " | 125 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 3.8 | 2.4 | 5.76 | 15.88 | 91.47 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 620 | 6/5/62 | 135 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 5.5 | 3.5 | 12.25 | 22.99 | 281.63 |
| 621 | " | 130 | 3.1 | 1.9 | 3.61 | 12.96 | 46.78 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 |
| 622 | 6/13/62 | 135 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 | 6.2 | 3.4 | 11.56 | 25.92 | 299.64 |
| 623 | " | 113 | 4.4 | 2.5 | 6.25 | 18.39 | 114.94 | 4.9 | 2.5 | 6.25 | 20.48 | 128.00 |
| 627 | 6/21/62 | 123 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.8 | 3.4 | 11.56 | 24.24 | 280.21 |
| 628 | " | 119 | 4.6 | 3.3 | 10.89 | 19.23 | 209.41 | 5.7 | 3.0 | 9.00 | 23.83 | 214.47 |
| 629 | " | 118 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 5.5 | 3.3 | 10.89 | 22.99 | 250.36 |
| 632 | " | 115 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 | 5.7 | 3.4 | 11.56 | 23.83 | 275.47 |
| 633 | " | 118 | 5.1 | 3.9 | 15.21 | 21.32 | 324.28 | 5.7 | 3.8 | 14.44 | 23.83 | 344.10 |
| 634 | " | 115 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 | 5.4 | 3.0 | 9.00 | 22.57 | 203.13 |
| 635 | " | 125 | 5.2 | 3.7 | 13.69 | 21.74 | 297.62 | 6.7 | 3.4 | 11.56 | 28.01 | 323.80 |
| 636 | " | 112 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 |
| 637 | " | 116 | 4.0 | 2.4 | 5.76 | 16.72 | 96.31 | 4.4 | 2.2 | 4.84 | 18.39 | 89.01 |
| 638 | " | 127 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 641 | 7/11/62 | 117 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.5 | 2.5 | 6.25 | 18.81 | 117.56 |
| 642 | " | 112 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.8 | 1.5 | 2.25 | 11.70 | 26.32 |

Species DIPSOSAURUS DORSALIS

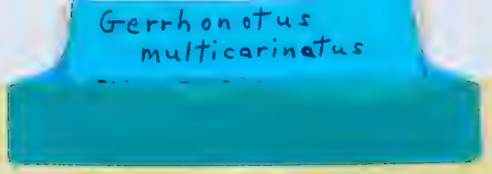
| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 643 | 7/11/62 | 118 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 4.6 | 2.6 | 6.76 | 19.23 | 129.99 |
| 645 | " | 118 | 4.9 | 3.0 | 9.00 | 20.48 | 184.32 | 4.5 | 2.4 | 5.76 | 18.81 | 108.34 |
| 646 | " | 120 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.8 | 2.8 | 7.84 | 20.06 | 157.27 |
| 648 | " | 120 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 | 3.6 | 1.6 | 2.56 | 15.05 | 38.53 |
| 649 | " | 122 | 4.8 | 2.9 | 8.41 | 20.06 | 168.70 | 4.9 | 2.9 | 8.41 | 20.48 | 172.24 |
| 650 | " | 128 | 5.0 | 3.3 | 10.89 | 20.90 | 227.60 | 5.2 | 3.2 | 10.24 | 21.74 | 222.62 |
| 652 | " | 124 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 |
| 653 | " | 126 | 5.1 | 2.9 | 8.41 | 21.32 | 179.30 | 5.8 | 2.8 | 7.84 | 24.24 | 190.04 |
| 655 | " | 120 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 5.3 | 2.6 | 6.76 | 22.15 | 149.73 |
| 658 | 7/17/62 | 123 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 659 | " | 110 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 |
| 660 | " | 129 | 3.5 | 2.2 | 4.84 | 14.63 | 70.81 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 661 | " | 120 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 3.2 | 1.7 | 2.89 | 13.38 | 38.67 |
| 662 | " | 122 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 2.9 | 1.5 | 2.25 | 12.12 | 27.27 |
| 664 | 7/19/62 | 120 | 4.1 | 3.1 | 9.61 | 17.14 | 164.72 | 4.6 | 2.9 | 8.41 | 19.23 | 161.72 |
| 665 | " | 123 | 4.6 | 3.5 | 12.25 | 19.23 | 235.57 | 5.9 | 2.8 | 7.84 | 24.66 | 193.33 |

Species DIPSOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 668 | 7/19/62 | 124 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 |
| 669 | 7/20/62 | 131 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 4.9 | 2.8 | 7.84 | 20.48 | 160.56 |
| 670 | 8/4/62 | 127 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 3.2 | 1.6 | 2.56 | 13.38 | 34.25 |
| 674 | 8/8/62 | 129 | 3.6 | 2.4 | 5.76 | 15.05 | 86.69 | 4.1 | 2.2 | 4.84 | 17.14 | 82.96 |
| 677 | " | 125 | 4.3 | 2.9 | 8.41 | 17.97 | 151.12 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 |
| 678 | " | 122 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 4.5 | 2.4 | 5.76 | 18.81 | 108.34 |
| 679 | " | 118 | 4.4 | 2.4 | 5.76 | 18.39 | 105.93 | 4.3 | 2.5 | 6.25 | 17.97 | 112.31 |
| 682 | 8/10/62 | 131 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 684 | " | 112 | 2.6 | 1.5 | 2.25 | 10.87 | 24.46 | 3.0 | 1.3 | 1.69 | 12.54 | 21.19 |
| 685 | " | 113 | 2.2 | 1.1 | 1.21 | 9.20 | 11.13 | 2.6 | 1.1 | 1.21 | 10.87 | 13.15 |
| 686 | 9/6/62 | 127 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 3.1 | 1.7 | 2.89 | 12.96 | 37.45 |
| 687 | " | 125 | 3.1 | 2.0 | 4.00 | 12.96 | 51.84 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 |
| 688 | " | 118 | 3.3 | 1.8 | 3.24 | 13.79 | 44.68 | 3.2 | 1.8 | 3.24 | 13.38 | 43.35 |
| 691 | " | 130 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 | 3.4 | 1.7 | 2.89 | 14.21 | 41.07 |
| 694 | 4/11/63 | 123 | 4.7 | 3.5 | 12.25 | 19.65 | 240.71 | 5.2 | 2.9 | 8.41 | 21.74 | 182.83 |
| 696 | 4/12/63 | 122 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 | 2.9 | 1.8 | 3.24 | 12.12 | 39.27 |

Species ~~ERIMYZON~~ DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 698 | 4/12/63 | 133 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 | 5.7 | 3.9 | 15.21 | 23.83 | 362.45 |
| 699 | " | 128 | 4.9 | 3.5 | 12.25 | 20.48 | 250.88 | 5.6 | 3.1 | 9.61 | 23.41 | 224.97 |
| 702 | 5/5/63 | 118 | 6.3 | 4.6 | 21.16 | 26.33 | 557.14 | 6.6 | 4.5 | 20.25 | 27.59 | 558.70 |
| 703 | " | 130 | 5.9 | 4.5 | 20.25 | 24.66 | 499.37 | 6.4 | 5.1 | 26.01 | 26.75 | 695.77 |
| 704 | " | 135 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 | 6.1 | 3.7 | 13.69 | 25.50 | 349.10 |


Gerrhonotus
multicarinatus

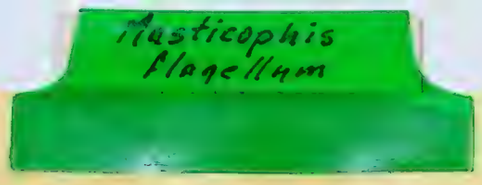
Gerrhonotus multicarinatus

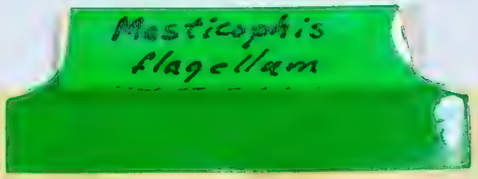
Species Gerrhonotus multicarinatus

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5/1/57 | 137 | 3.2 | 1.5 | 2.25 | 13.38 | 30.10 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 |
| 3 | 9/15/59 | 117 | 3.0 | 1.4 | 1.96 | 12.54 | 24.58 | 3.7 | 1.6 | 2.56 | 15.47 | 39.60 |
| 4 | 5/11/60 | 120 | 3.3 | 1.9 | 3.61 | 13.79 | 49.78 | 3.8 | 1.8 | 3.24 | 15.88 | 51.45 |
| 5 | 9/25/60 | 121 | 4.0 | 2.0 | 4.00 | 16.72 | 66.88 | 4.7 | 1.5 | 2.25 | 19.65 | 44.21 |
| 6 | " | 112 | 4.3 | 1.6 | 2.56 | 17.97 | 46.00 | 5.0 | 1.1 | 1.21 | 20.90 | 25.29 |
| 7 | 1/25/61 | 133 | 3.9 | 3.3 | 10.89 | 16.30 | 177.51 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 8 | 2/13/61 | 127 | 4.4 | 2.5 | 6.25 | 18.39 | 114.94 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 |
| 9 | 2/25/61 | 112 | 3.8 | 2.5 | 6.25 | 15.88 | 99.25 | 4.3 | 3.1 | 4.41 | 17.97 | 79.25 |
| 10 | 3/3/61 | 130 | 3.5 | 1.9 | 3.61 | 14.63 | 52.81 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 |
| 11 | 3/22/61 | 121 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 |
| 12 | " | 137 | 4.0 | 3.5 | 6.25 | 16.72 | 104.50 | 4.8 | 2.2 | 4.84 | 20.06 | 97.09 |
| 13 | 5/21/60 | 102 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.8 | 1.3 | 1.69 | 11.70 | 19.77 |
| 16 | 3/26/62 | 122 | 5.3 | 2.5 | 6.25 | 22.15 | 138.44 | 5.8 | 2.5 | 6.25 | 24.24 | 151.50 |
| 17 | 3/28/62 | 116 | 3.8 | 2.2 | 4.84 | 15.88 | 76.86 | 4.0 | 2.1 | 4.41 | 16.72 | 73.73 |
| 18 | 4/8/62 | 122 | 4.0 | 2.4 | 5.76 | 16.72 | 96.31 | 3.6 | 2.1 | 4.41 | 15.05 | 66.37 |
| 19 | " | 133 | 4.0 | 2.2 | 4.84 | 16.72 | 80.92 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |

Species *Gerrhonotus multicarinatus*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 4/8/62 | 140 | 4.5 | 2.6 | 6.76 | 18.81 | 127.16 | 4.5 | 2.4 | 5.76 | 18.81 | 108.35 |
| 21 | 4/22/62 | 115 | 4.1 | 1.6 | 2.56 | 17.14 | 43.88 | 3.4 | 1.5 | 2.25 | 14.21 | 31.97 |
| 22 | 3/27/63 | 120 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 |
| 23 | 3/29/63 | 103 | 3.4 | 1.6 | 2.56 | 14.21 | 36.38 | 3.7 | 1.7 | 2.89 | 15.47 | 44.71 |
| 24 | 5/25/64 | 127 | 3.0 | 1.9 | 3.61 | 12.54 | | 3.5 | 1.7 | 2.89 | 14.63 | |


Masticophis
flagellum


Mesticophis
flagellum

Species *Masticophis flagellum*

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5/9/89 | 35 in. | 3.4 | 1.4 | 1.96 | 14.21 | 27.85 | 3.4 | 1.4 | 1.96 | 14.21 | 27.85 |
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Phrynosoma
coronatum

Phrynosoma
coronatum

Species PHRYNOSOMA CORONATUM

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 4/14/59 | 84 | 4.2 | 3.7 | 15.21 | 17.56 | 267.09 | 4.8 | 3.6 | 12.96 | 20.06 | 259.98 |
| 5 | 5/9/59 | 59 | 1.7 | 1.3 | 1.69 | 7.94 | 13.42 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 |
| 13 | 5/4/62 | 100 | 5.5 | 3.9 | 15.21 | 22.99 | 349.68 | 5.3 | 3.8 | 14.44 | 22.15 | 319.85 |
| 14 | 5/18/62 | 92 | 5.0 | 4.0 | 16.00 | 20.90 | 334.40 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 |
| 15 | 5/31/63 | 94 | 5.6 | 4.5 | 20.25 | 23.41 | 474.05 | 6.6 | 4.2 | 17.64 | 27.59 | 486.69 |
| 16 | 6/2/63 | 97 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 | 1.5 | 0.9 | 0.81 | 6.27 | 5.08 |

Phrynosoma m'calli

Phrynosoma m'calli

Species PHRYNOSOMA M'CALLI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 5/25/59 | 61 | 1.4 | .7 | .49 | 5.85 | 2.87 | 1.6 | .7 | .49 | 6.69 | 3.28 |
| 3 | 6/19/59 | 71 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 |
| 5 | " | 69 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 |
| 6 | 7/20/59 | 80 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 | 4.2 | 3.6 | 12.96 | 17.56 | 227.58 |
| 7 | " | 71 | 3.9 | 2.5 | 6.25 | 16.30 | 101.87 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 |
| 9 | 7/21/59 | 75 | 4.2 | 2.9 | 8.41 | 17.56 | 147.68 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 14 | 5/7/60 | 66 | 3.9 | 7.8 | 7.84 | 16.30 | 127.79 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 16 | " | 61 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 |
| 20 | " | 69 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 | 4.5 | 2.9 | 8.41 | 18.81 | 158.19 |
| 22 | 6/9/60 | 72 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 |
| 26 | 7/25/60 | 82 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 |
| 29 | 8/7/60 | 76 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 |
| 33 | 7/7/60 | 61 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 34 | 9/9/60 | 51(cut tail 13mm) | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 2.4 | 1.6 | 2.56 | 10.03 | 25.68 |
| 36 | 3/20/61 | 66 | 2.9 | 1.9 | 3.61 | 12.12 | 43.75 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 37 | " | 54 | 1.5 | .8 | .64 | 6.27 | 4.01 | 1.5 | .8 | .64 | 6.27 | 4.01 |

Species PHRYNOSOMA M'CALLI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 4/15/61 | 69 | 3.7 | 2.5 | 6.25 | 15.41 | 96.69 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 |
| 39 | " | 66 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 41 | " | 70 | 5.2 | 7.3 | 18.49 | 21.74 | 401.97 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 |
| 42 | " | 68 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 43 | 4/16/61 | 68 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 |
| 44 | " | 80 | 5.0 | 3.1 | 9.61 | 20.90 | 200.85 | 4.6 | 3.2 | 10.24 | 19.23 | 196.91 |
| 46 | " | 75 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 3.6 | 2.3 | 5.29 | 15.05 | 79.61 |
| 48 | " | 73 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 |
| 51 | 5/13/61 | 60 | Missing | | | | | 3.2 | 1.6 | 2.56 | 13.38 | 34.25 |
| 52 | " | 74 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 3.0 | 2.4 | 5.76 | 12.54 | 72.23 |
| 53 | " | 66 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 |
| 55 | 6/7/61 | 58 | 1.4 | .7 | .49 | 5.85 | 2.87 | 1.7 | 1.0 | 1.00 | 7.11 | 7.11 |
| 56 | " | 72 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 | 3.3 | 3.1 | 9.41 | 13.79 | 60.81 |
| 57 | 6/8/61 | 59 | 1.7 | .7 | .49 | 5.85 | 2.87 | Missing | | | | |
| 59 | 6/7/61 | 73 | 4.4 | 2.6 | 6.76 | 15.34 | 124.32 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 |
| 60 | " | 75 | 4.2 | 2.3 | 5.29 | 17.56 | 92.89 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |

Species PHRYNOSOMA M'CALLI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 6/26/61 | 74 | 3.9 | 2.2 | 4.84 | 16.30 | 78.89 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 62 | " | 72 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 | 3.3 | 2.6 | 6.76 | 13.79 | 93.22 |
| 65 | " | 74 | 3.5 | 2.4 | 5.76 | 14.63 | 84.27 | ~~3.2~~ | ~~2.2~~ | 4.84 | 13.38 | 64.76 |
| 69 | 6/25/61 | 67 | 2.3 | 1.7 | 3.61 | 9.20 | 33.21 | 2.3 | ~~1.8~~ | 3.24 | 9.61 | 31.14 |
| 76 | 7/10/61 | 74 | 4.9 | 3.3 | 10.89 | 20.48 | 223.03 | 4.1 | 2.9 | 8.41 | 17.14 | 144.15 |
| 82 | 7/17/61 | 71 | 5.2 | 3.0 | 9.00 | 21.74 | 195.66 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |
| 83 | 7/23/61 | ~83 | Missing | | | | ~ | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 |
| 84 | 7/21/61 | 69 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 |
| 86 | " | 70 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 88 | " | 76 | 5.3 | 3.1 | 9.61 | 22.15 | 212.86 | 4.5 | 3.1 | 9.61 | 18.81 | 180.76 |
| 89 | 7/22/61 | 73 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 |
| 90 | " | 78 | 4.6 | 3.5 | 12.25 | 19.23 | 235.57 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 |
| 96 | " | 76 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.1 | 2.7 | 7.29 | 17.14 | 124.95 |
| 97 | " | 74 | 4.7 | 3.2 | 10.24 | 19.65 | 201.22 | 5.0 | 3.0 | 9.00 | 20.90 | 188.10 |
| 99 | " | 79 | 5.0 | 3.2 | 10.24 | 20.90 | 214.02 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 |
| 102 | 7/23/61 | 81 | 6.1 | 3.6 | 12.96 | 25.50 | 330.48 | 5.3 | 3.4 | 11.56 | 22.15 | 256.05 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104 | 7/23/61 | 75 | 4.6 | 3.2 | 10.24 | 19.23 | 196.91 | 3.7 | 2.7 | 7.29 | 15.47 | 112.78 |
| 105 | " | 77 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 |
| 108 | 8/2/61 | 73 | 3.9 | 3.7 | 13.69 | 16.30 | 118.53 | 4.3 | 2.7 | 7.29 | 17.97 | 131.00 |
| 113 | " | 71 | 3.9 | 3.1 | 9.61 | 16.30 | 127.79 | 3.1 | 2.5 | 6.25 | 13.47 | 96.69 |
| 122 | 8/13/61 | 76 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.3 | 3.6 | 9.61 | 17.97 | 161.73 |
| 123 | " | 75 | 5.6 | 3.3 | 10.89 | 23.41 | 227.60 | 4.5 | 3.8 | 14.44 | 18.81 | 204.84 |
| 127 | 9/11/61 | 62 | 1.5 | 0.7 | 0.49 | 6.27 | 3.07 | 1.3 | 0.7 | 0.49 | 5.43 | 2.66 |
| 128 | " | 64 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 129 | " | 62 | 1.3 | 0.8 | 0.64 | 5.43 | 3.48 | 1.4 | 0.9 | 0.81 | 5.85 | 4.74 |
| 133 | 9/16/61 | 76 | 2.5 | 1.1 | 1.21 | 10.45 | 12.64 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 134 | 10/7/61 | 75 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 |
| 136 | " | 74 | 2.4 | 1.3 | 1.69 | 10.03 | 16.95 | 1.9 | 0.9 | 0.81 | 7.94 | 6.43 |
| 139 | 4/14/62 | 49 | 1.5 | 0.8 | 0.64 | 6.27 | 4.01 | 1.6 | 0.7 | 0.49 | 6.69 | 3.28 |
| 140 | " | 73 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |
| 141 | " | 76 | 5.5 | 3.7 | 13.69 | 22.99 | 314.73 | 5.2 | 3.5 | 12.25 | 21.74 | 266.32 |
| 144 | " | 60 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 147 | 4/14/62 | 61 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 150 | " | 65 | 3.8 | 2.7 | 7.29 | 15.88 | 115.76 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 152 | 4/24/62 | 77 | 4.8 | 2.9 | 8.41 | 20.06 | 168.70 | — | — | — | — | — |
| 154 | 5/13/62 | 66 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 |
| 155 | 5/12/62 | 73 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 156 | " | 72 | 4.1 | 2.4 | 5.76 | 17.14 | 98.73 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 |
| 158 | 5/13/62 | 69 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 |
| 159 | " | 71 | 2.9 | 2.0 | 4.00 | 12.12 | 48.48 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 |
| 160 | " | 71 | 3.6 | 2.4 | 5.76 | 15.05 | 86.69 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 |
| 162 | " | 71 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 |
| 163 | " | 78 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 165 | " | 81 | 4.5 | 3.3 | 10.89 | 18.81 | 204.84 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 |
| 166 | 6/13/62 | 79 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 5.1 | 3.3 | 10.89 | 21.32 | 232.17 |
| 167 | " | 77 | 4.2 | 2.7 | 7.29 | 17.56 | 128.01 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 |
| 169 | 7/11/62 | 77 | 4.9 | 3.5 | 12.25 | 20.48 | 250.88 | 4.7 | 3.3 | 10.89 | 19.65 | 213.99 |
| 170 | " | 74 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 4.1 | 3.0 | 9.00 | 17.14 | 154.26 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 173 | 7/20/62 | 76 | 4.1 | 2.8 | 7.84 | 17.14 | 134.38 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 |
| 182 | [7/30/62] (4/14/62) | 60 | 1.8 | 1.3 | 1.69 | 7.52 | ~~12.71~~ | 1.9 | 1.3 | 1.69 | 7.94 | ~~13.42~~ |
| 184 | 8/4/62 | 72 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 188 | " | 78 | 4.8 | 3.5 | 12.25 | 20.06 | 245.74 | 5.0 | 3.4 | 11.56 | 20.90 | 241.60 |
| 190 | " | 76 | 4.5 | 2.8 | 7.84 | 18.81 | 147.47 | 4.2 | 3.0 | 9.00 | 17.56 | 158.04 |
| 192 | " | 76 | 4.5 | 3.3 | 10.89 | 18.81 | 204.84 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 |
| 193 | 8/5/62 | 76 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.2 | 3.0 | 9.00 | 17.56 | 158.04 |
| 195 | " | 74 | 4.4 | 3.0 | 9.00 | 18.39 | 165.51 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 |
| 196 | 8/8/62 | 75 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 |
| 197 | 8/11/62 | 73 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 205 | 4/28/63 | 68 | — | — | | | | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 206 | 5/24/63 | 72 | 4.0 | 2.9 | 8.41 | 16.72 | 140.62 | 4.9 | 2.6 | 6.76 | 20.48 | 138.44 |
| 210 | 5/25/63 | 63 | 1.3 | 0.7 | 0.49 | 5.43 | 2.66 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 |
| 211 | 5/26/63 | 78 | — | — | | | | — | — | | | |
| 212 | " | 70 | 3.0 | 2.9 | 8.41 | 12.54 | 105.46 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 215 | 8/3/64 | 75 | 4.5 | 2.8 | 7.84 | 18.81 | 147.47 | 4.3 | 2.6 | 6.76 | 17.97 | 121.48 |

Species DIPLOSAURUS DORSALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 221 | [illegible] | 57 | 1.3 | 0.4 | 0.16 | 5.43 | 0.87 | 1.3 | 0.6 | 0.36 | 5.43 | 1.95 |
| 222 | " | 65 | 1.8 | 0.9 | 0.81 | 7.52 | 6.09 | 1.8 | 0.7 | 0.49 | 7.52 | 3.68 |
| 225 | 4/15/67 | 79 | 4.6 | 2.8 | 7.84 | 19.23 ~~2.8~~ | 150.76 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 |
| 226 | 4/26/67 | 72 | 4.0 | 2.5 | 7.84 | 16.72 | 131.08 | 4.0 | 2.5 | 7.84 | 16.72 | 131.08 |
| 227 | " | 72 | 3.9 | 2.5 | 6.25 | 16.30 | 101.88 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 229 | " | 77 | 4.0 | 2.9 | 8.41 | 16.72 | 140.62 | 3.8 | 2.8 | 7.84 | 15.85 | 124.50 |
| 231 | " | 69 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 2.9 | 1.9 | 3.61 | 12.12 | 43.75 |
| 232 | " | 73 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 235 | " | 70 | 4.1 | 3.0 | 9.00 | 17.14 | 154.26 | 4.5 | 2.5 | 7.84 | 18.81 | 147.47 |
| 237 | " | 74 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 239 | " | 70 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.7 | 2.7 | 7.29 | 15.47 | 112.78 |
| 240 | " | 76 | 4.6 | 2.5 | 6.25 | 19.23 | 120.19 | 4.5 | 2.8 | 7.84 | 18.81 | 147.47 |
| 241 | " | 73 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.7 | 2.3 | 5.29 | 15.47 | 81.84 |
| 242 | " | 65 | 3.1 | 2.1 | 4.41 | 12.96 | 57.15 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 244 | 5/15/67 | 76 | 4.2 | 2.5 | 6.25 | 17.56 | 109.75 | 4.4 | 2.6 | 6.76 | 18.39 | 124.33 |
| 245 | " | 67 | 3.6 | 2.2 | 4.84 | 15.05 | 72.84 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247 | 5/15/67 | 76 | 4.8 | 3.1 | 9.61 | 20.06 | 192.78 | 4.8 | 3.0 | 9.00 | 20.06 | 180.54 |
| 248 | " | 75 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 |
| 250 | " | 70 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 251 | " | 74 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 | 4.2 | 3.0 | 9.00 | 17.56 | 158.04 |
| 252 | " | 69 | 3.3 | 2.2 | 4.84 | 13.79 | 66.76 | 3.1 | 2.0 | 4.00 | 12.96 | 51.84 |
| 253 | 5/19/67 | 72 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 260 | " | 75 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 |
| 261 | " | 66 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 |
| 262 | " | 72 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 263 | " | 71 | 4.1 | 2.8 | 7.84 | 17.14 | 134.38 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 264 | " | 71 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 |
| 266 | " | 78 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 | 4.4 | 3.1 | 9.61 | 18.39 | 176.74 |
| 268 | 5/20/67 | 75 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 |
| 269 | " | 70 | 4.3 | 2.3 | 5.29 | 17.97 | 95.06 | 3.8 | 2.4 | 5.76 | 15.88 | 91.47 |
| 271 | " | 68 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 | 3.9 | 2.1 | 4.41 | 16.30 | 71.85 |
| 272 | " | 70 | 5.0 | 2.4 | 5.76 | 20.90 | 120.38 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 5/20/67 | 69 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 |
| 274 | " | 73 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 3.5 | 2.6 | 6.76 | 14.63 | 98.90 |
| 277 | " | 76 | 4.6 | 2.9 | 8.41 | 19.23 | 161.72 | 3.8 | 2.7 | 7.29 | 15.88 | 115.76 |
| 278 | " | 80 | 5.3 | 4.0 | 16.00 | 22.15 | 354.40 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 279 | " | 73 | 4.0 | 2.9 | 8.41 | 16.72 | 140.62 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 |
| 280 | " | 65 | 2.5 | 1.4 | 1.96 | 10.45 | 20.48 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 283 | 6/7/67 | 68 | 2.3 | 1.5 | 2.25 | 9.61 | 21.62 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 |
| 284 | " | 74 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 |
| 285 | " | 76 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 |
| 288 | " | 78 | 4.3 | 2.9 | 8.41 | 17.97 | 151.13 | 4.2 | 3.9 | 15.21 | 17.56 | 267.09 |
| 289 | " | 74 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 292 | 6/15/67 | 77 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.6 | 3.2 | 10.24 | 19.23 | 196.92 |
| 293 | " | 78 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.4 | 2.9 | 8.41 | 18.39 | 154.67 |
| 294 | " | 76 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 | 4.4 | 3.1 | 9.61 | 18.39 | 176.75 |
| 295 | " | 76 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 |
| 296 | " | 70 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 297 | 6/15/67 | 67 | 3.4 | 2.1 | 4.41 | 14.21 | 62.67 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 |
| 298 | " | 73 | 3.3 | 2.1 | 4.41 | 13.79 | 60.84 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 |
| 306 | 6/16/67 | 73 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.8 | 2.5 | 6.25 | 15.88 | 99.25 |
| 308 | " | 74 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 4.7 | 3.8 | 14.44 | 19.65 | 283.75 |
| 310 | " | 72 | 4.0 | 2.4 | 5.76 | 16.72 | 96.31 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 |
| 313 | 7/11/67 | 76 | 4.9 | 3.3 | 10.89 | 20.48 | 223.03 | 4.3 | 2.8 | 7.84 | 17.97 | 140.85 |
| 314 | " | 74 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 4.8 | 2.8 | 7.84 | 20.06 | 157.27 |
| 316 | " | 70 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 4.4 | 2.8 | 7.84 | 18.39 | 144.18 |
| 317 | " | 77 | 4.9 | 3.2 | 10.24 | 20.48 | 209.72 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 |
| 318 | " | 80 | 5.5 | 3.4 | 11.56 | 22.99 | 265.76 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 |
| 320 | " | 75 | 4.7 | 2.4 | 5.76 | 19.65 | 113.18 | 4.1 | 2.6 | 6.76 | 17.14 | 115.87 |
| 321 | " | 68 | 3.6 | 2.4 | 5.76 | 15.05 | 86.69 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 |
| 322 | 8/15/67 | 73 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 |
| 323 | 8/16/67 | 75 | 5.1 | 3.0 | 9.00 | 21.32 | 191.88 | 4.2 | 2.7 | 7.29 | 17.56 | 125.01 |
| 324 | " | 77 | 4.9 | 3.2 | 10.24 | 20.48 | 209.72 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 |
| 326 | 8/17/67 | 73 | 4.3 | 2.4 | 5.76 | 17.97 | 103.51 | 4.4 | 2.6 | 6.76 | 18.39 | 124.32 |

Species PHRYNOSOMA M'CALLI

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 328 | 4/13/68 | 79 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 | 5.0 | 3.6 | 12.96 | 20.90 | 270.86 |
| 329 | 4/27/68 | 75 | 5.6 | 3.7 | 13.69 | 23.41 | 320.48 | 6.0 | 3.7 | 13.69 | 25.05 | 343.34 |
| 330 | 4/28/68 | 73 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.0 | 2.9 | 8.41 | 16.72 | 140.62 |
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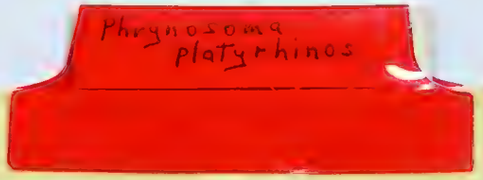
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Species PHRYNOSOMA PLATYRHINOS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9/18/58 | 68 | 2.4 | 1.5 | 2.25 | 10.03 | 22.57 | 2.5 | 1.4 | 1.96 | 10.45 | 20.48 |
| 2 | 10/17/58 | 71 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 |
| 4 | 4/10/59 | 62 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 2.1 | 1.2 | 1.44 | 8.78 | 12.64 |
| 5 | 4/30/59 | 72 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.6 | 2.0 | 4.00 | 15.05 | 60.20 |
| 6 | 5/9/59 | 56 | 1.6 | .4 | .16 | 6.69 | 1.07 | 1.3 | .5 | .25 | 5.43 | 1.36 |
| 7 | 6/12/59 | 63 | 2.3 | 1.7 | 1.96 | 9.61 | 18.83 | 2.3 | 1.3 | 1.69 | 9.61 | 16.74 |
| 8 | 6/19/59 | 55 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .9 | .81 | 5.43 | 4.40 |
| 9 | " | 74 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 |
| 10 | " | 67 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 |
| 11 | 8/27/59 | 74 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 4.2 | 2.5 | 6.25 | 17.56 | 109.75 |
| 12 | 9/18/59 | 78 | 4.0 | 3.2 | 10.24 | 16.72 | 171.21 | 4.5 | 2.9 | 8.41 | 18.81 | 158.19 |
| 15 | 4/10/59 | 66 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.6 | .7 | .81 | 6.69 | 5.42 |
| 17 | 3/20/60 | 78 | 6.3 | 3.9 | 15.21 | 26.33 | 400.48 | 5.8 | 3.3 | 10.89 | 24.24 | 263.97 |
| 18 | 3/21/60 | 77 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 | 5.4 | 3.7 | 13.69 | 22.57 | 308.98 |
| 19 | " | 75 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 4.5 | 3.1 | 9.61 | 18.81 | 180.76 |
| 20 | 4/14/60 | 75 | 4.6 | 3.0 | 9.00 | 19.23 | 173.07 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |

Species PHRYNOSOMA PLATYRHINOS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 4/12/60 | 92 | 6.5 | 4.2 | 12.64 | 27.17 | 479.28 | 6.0 | 4.1 | 16.81 | 25.08 | 421.59 |
| 22 | 4/14/60 | 62 | 4.6 | 3.5 | 12.25 | 19.23 | 235.57 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 |
| 23 | " | 74 | 4.3 | 3.6 | 12.96 | 17.97 | 232.89 | 4.9 | 3.1 | 9.61 | 20.48 | 196.81 |
| 24 | " | 86 | 5.7 | 4.0 | 16.00 | 23.83 | 381.21 | 5.5 | 3.5 | 14.44 | 22.99 | 331.97 |
| 25 | 4/21/60 | 84 | 6.3 | 4.1 | 16.81 | 26.33 | 442.61 | 5.9 | 3.8 | 14.14 | 24.66 | 356.09 |
| 26 | " | 83 | 6.4 | 4.1 | 16.81 | 26.75 | 449.67 | 5.7 | 3.7 | 13.69 | 23.83 | 326.23 |
| 27 | " | 86 | 5.6 | 3.7 | 13.69 | 23.41 | 320.48 | 5.4 | 3.7 | 13.69 | 22.57 | 308.98 |
| 28 | " | 92 | 5.8 | 4.9 | 24.01 | 24.24 | 582.00 | 5.8 | 4.3 | 18.49 | 24.24 | 448.20 |
| 29 | 4/29/60 | 73 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 |
| 30 | " | 75 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 | 3.8 | 2.5 | 6.25 | 15.88 | 99.25 |
| 31 | 5/4/60 | 72 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.9 | 3.8 | 14.44 | 20.48 | 295.73 |
| 32 | 5/21/60 | 68 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.6 | 1.5 | 2.25 | 10.87 | 24.46 |
| 34 | 4/20/60 | 86 | 5.0 | 3.4 | 11.56 | 20.90 | 241.60 | 5.0 | 3.5 | 12.25 | 20.90 | 256.82 |
| 35 | " | 85 | 5.1 | 3.5 | 12.25 | 21.32 | 261.17 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 36 | " | 90 | 6.1 | 4.1 | 16.81 | 25.50 | 428.65 | 6.0 | 3.7 | 15.21 | 25.08 | 381.47 |
| 37 | 5/20/60 | 96 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 | 5.2 | 3.1 | 9.61 | 21.74 | 208.92 |

Species PHRYNOSOMA PLATYRHINOS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39 | 6/11/60 | 83 | 5.1 | 3.5 | 12.25 | 21.32 | 261.17 | 5.0 | 3.0 | 9.00 | 20.90 | 188.10 |
| 40 | " | 85 | 5.4 | 3.7 | 13.69 | 22.57 | 308.98 | 5.2 | 3.4 | 11.56 | 21.74 | 251.31 |
| 41 | " | 88 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 | 5.7 | 3.7 | 13.69 | 23.83 | 326.23 |
| 42 | 7/10/60 | 53 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 5.2 | 3.4 | 27.04 | 21.74 | 587.85 |
| 43 | " | 80 | 4.2 | 3.1 | 9.61 | 17.56 | 168.75 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 44 | " | 81 | 4.9 | 3.6 | 12.96 | 20.48 | 265.42 | 5.0 | 3.4 | 11.56 | 20.90 | 241.60 |
| 45 | " | 82 | 4.4 | 3.2 | 10.24 | 18.39 | 188.31 | 4.4 | 3.0 | 9.00 | 18.39 | 165.51 |
| 49 | 8/10/60 | 91 | 3.4 | 1.5 | 2.25 | 14.21 | 31.97 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 |
| 50 | 8/10/60 | 84 | 4.2 | 2.2 | 4.84 | 17.56 | 84.99 | 4.2 | 2.4 | 5.76 | 17.56 | 101.14 |
| 51 | 8/11/60 | 78 | 4.8 | 3.0 | 9.00 | 20.06 | 180.54 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 |
| 52 | 9/14/61 | 75 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.3 | 2.7 | 7.29 | 17.97 | 131.00 |
| 55 | 8/9/61 | 68 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 56 | " | 68 | 3.5 | 2.4 | 5.76 | 14.63 | 84.27 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 |
| 58 | 7/30/61 | 73 | 4.1 | 3.0 | 9.00 | 17.13 | 150.48 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 |
| 59 | 9/13/61 | 78 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 |
| 60 | 4/22/62 | 85 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.0 | 3.5 | 12.25 | 20.90 | 256.02 |

Species PHRYNOSOMA PLATYRHINOS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 4/22/62 | 82 | 5.3 | 3.9 | 15,21 | 22,15 | 336,90 | 5.2 | 4.0 | 16.00 | 21.74 | 347,84 |
| 62 | 5/5/62 | 83 | 4.9 | 3.7 | 13.69 | 20.48 | 280,37 | 4.9 | 3.4 | 11.56 | 20.48 | 236,75 |
| 64 | " | 84 | 4.8 | 3.2 | 10,24 | 20.06 | 205,41 | 4.6 | 3.1 | 9.61 | 19.23 | 184,80 |
| 65 | 5/6/62 | 85 | 5.2 | 3.4 | 11.56 | 21.74 | 251,31 | 4.3 | 3.3 | 10.89 | 17.97 | 195,69 |
| 66 | 5/5/62 | 84 | 5.8 | 4.1 | 16.81 | 24.24 | 407,47 | 5.6 | 3.7 | 13.69 | 23.41 | 320,48 |
| 67 | " | 88 | 6.0 | 4.0 | 16,00 | 25.08 | 401.28 | 5.5 | 3.4 | 11.56 | 22.99 | 265.76 |
| 68 | 5/6/62 | 76 | 2.1 | 1.1 | 1.21 | 8,78 | 10.62 | 2.3 | 1.3 | 1.69 | 9,61 | 16.24 |
| 72 | 5/4/63 | 88 | 3.1 | 2.0 | 4.00 | 12.96 | 51.84 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 |
| 73 | " | 90 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 |
| 75 | 6/11/63 | 63? | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 76 | " | 83 | 4.6 | 2.8 | 7.84 | 19.23 | 150.76 | 4.8 | 2.5 | 6.25 | 20.06 | 125.38 |
| 77 | " | 68 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 78 | 9/5/63 | 78 | 3.1 | 1.9 | 3.61 | 12.96 | 46.79 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 |
| 79 | 3/29/64 | 85 | 5.3 | 3.2 | 10.24 | 22.15 | [illegible] | 4.7 | 3.4 | 11.56 | 19.65 | [illegible] |
| 80 | 4/4/64 | 83 | 5.5 | 3.5 | 12.25 | 22.99 | [illegible] | 5.4 | 3.4 | 11.56 | 22.57 | [illegible] |
| 81 | " | 81 | 5.8 | 3.5 | 12.25 | 24.24 | [illegible] | 5.5 | 3.1 | 9.61 | 22.99 | [illegible] |

Species PHRYNOSOMA PLATYRHINOS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82 | 4/4/64 | 83 | 5.7 | 3.7 | 13.69 | 23.83 | [illegible] | 5.1 | 3.2 | 10.24 | 21.32 | [illegible] |
| 84 | " | 81 | 5.7 | 4.0 | 16.00 | 23.83 | [illegible] | 5.8 | 3.7 | 13.69 | 24.24 | [illegible] |
| 85 | " | 84 | 5.4 | 4.1 | 16.81 | 22.57 | [illegible] | 5.8 | 3.4 | 11.56 | 24.24 | [illegible] |
| 87 | 5/6/67 | 88 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 4.8 | 3.7 | 13.69 | 20.06 | 274.62 |
| 88 | " | 88 | 4.2 | 2.8 | 7.84 | 17.56 | 137.67 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 |
| 89 | 2/24/68 | 82 | 6.1 | 3.9 | 15.21 | 25.50 | 387.86 | 6.0 | 3.8 | 14.44 | 25.08 | 362.16 |

Sauromalus obesus

Sauromalus obesus

Species SAUROMALUS OBESUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4/1/59 | 198 | 6.5 | 5.4 | 29.16 | 27.17 | 792.28 | 6.2 | 5.5 | 30.25 | 25.93 | 784.08 |
| 2 | 3/28/59 | 167 | 4.7 | 3.6 | 12.96 | 19.65 | 254.66 | 5.0 | 3.8 | 14.44 | 20.90 | 301.80 |
| 4 | 5/6/59 | 157 | 4.3 | 2.3 | 5.29 | 17.97 | 95.06 | 3.7 | 1.9 | 3.61 | 15.47 | 55.85 |
| 6 | " | 196 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 |
| 7 | " | 170 | 6.5 | 5.0 | 25.00 | 27.17 | 679.25 | 8.1 | 5.5 | 30.25 | 33.86 | 1024.26 |
| 8 | " | 189 | 7.6 | 5.8 | 33.64 | 31.77 | 1068.74 | 7.0 | 5.2 | 27.04 | 29.26 | 791.19 |
| 9 | " | 181 | 8.0 | 5.8 | 33.64 | 33.44 | 1124.92 | 8.5 | 5.6 | 31.36 | 35.53 | 1114.22 |
| 13 | 4/12/60 | 193 | 6.5 | 5.6 | 31.36 | 27.17 | 852.05 | 5.9 | 5.6 | 31.36 | 24.66 | 773.34 |
| 16 | 5/14/60 | 196 | 7.4 | 5.7 | 32.49 | 30.93 | 1004.92 | 8.1 | 5.8 | 33.64 | 33.86 | 1139.05 |
| 17 | 5/21/60 | 173 | 7.5 | 6.1 | 37.21 | 31.35 | 1166.53 | 8.2 | 7.0 | 49.00 | 34.28 | 1679.72 |
| 19 | 5/22/60 | 195 | 7.3 | 5.8 | 33.64 | 30.51 | 1026.36 | 7.5 | 5.9 | 34.81 | 31.35 | 1091.29 |
| 21 | 6/6/60 | 193 | 8.7 | 5.7 | 32.49 | 36.37 | 1181.66 | 8.4 | 5.9 | 34.81 | 35.11 | 1222.18 |
| 22 | " | 205 | 7.7 | 5.8 | 33.64 | 32.19 | 1082.87 | 7.7 | 5.8 | 33.64 | 32.19 | 1082.87 |
| 23 | " | 212 | 7.1 | 5.8 | 33.64 | 29.68 | 998.43 | 7.2 | 6.6 | 43.56 | 30.10 | 1311.16 |
| 34 | " | 197 | 8.4 | 5.1 | 26.01 | 37.20 | 967.57 | 7.6 | 6.0 | 36.00 | 31.77 | 1143.72 |
| 36 | " | 192 | 8.8 | 5.9 | 34.81 | 36.78 | 1280.31 | 7.4 | 4.8 | 23.04 | 30.93 | 712.63 |

Species SAUROMALUS OBESUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 6/11/60 | 200 | 6.5 | 6.1 | 37.21 | 28.42 | 1057.51 | 7.6 | 6.3 | 39.69 | 35.76 | 1426.85 |
| 30 | " | 200 | 8.2 | 7.0 | 49.00 | 34.28 | 1679.72 | 8.3 | 6.2 | 38.44 | 34.69 | 1333.48 |
| 31 | " | 210 | 8.1 | 5.9 | 34.81 | 33.86 | 1178.67 | 7.8 | 6.3 | 39.69 | 32.60 | 1293.89 |
| 32 | " | 210 | 7.4 | 6.6 | 43.56 | 30.93 | 1347.31 | 7.9 | 7.1 | 50.41 | 33.02 | 1664.54 |
| 33 | 7/17/60 | 186 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 |
| 34 | " | 194 | 5.7 | 3.4 | 11.56 | 23.83 | 275.47 | 4.1 | 2.6 | 6.76 | 17.14 | 115.87 |
| 35 | " | 176 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 |
| 36 | 8/9/60 | 178 | 3.6 | 2.3 | 5.29 | 15.05 | 79.61 | 3.7 | 2.2 | 4.84 | 15.47 | 74.87 |
| 37 | 8/10/60 | 178 | 3.9 | 2.6 | 4.00 | 16.30 | 65.20 | 3.5 | 2.0 | 4.00 | 14.63 | 58.52 |
| 38 | 5/6/61 | 206 | 4.9 | 3.2 | 10.24 | 20.48 | 209.71 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 39 | 6/5/61 | 179 | 5.7 | 4.3 | 18.49 | 23.83 | 440.62 | 6.0 | 4.6 | 21.16 | 25.08 | 530.69 |
| 40 | 6/5/61 | 174 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 | 5.7 | 3.9 | 15.21 | 23.53 | 362.45 |
| 41 | 6/7/61 | 185 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 42 | " | 134 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 |
| 45 | 8/9/61 | 202 | 3.9 | 2.3 | 5.29 | 16.30 | 74.87 | 3.7 | 2.3 | 5.29 | 15.47 | 81.84 |
| 46 | " | 198 | 3.5 | 2.2 | 4.84 | 14.63 | 70.81 | 3.9 | 2.3 | 5.29 | 16.30 | 86.25 |

Species SAUROMALUS OBESUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | ~~4~~/15/62 | 186 | 9.0 | 5.9 | 34.81 ~~34.81~~ | 37.62 | 1309.55 | 8.0 | 5.4 | 29.16 | 33.44 | 975.11 |
| 50 | " | 197 | 8.6 | 6.2 | 38.44 | 35.95 | 1381.92 | 8.6 | 5.7 | 32.49 | 35.95 | 1168.02 |
| 51 | " | 195 | 7.7 | 6.5 | 42.25 | 32.19 | 1360.03 | 8.4 | 6.7 | 44.89 | 35.11 | 1576.09 |
| 52 | 5/5/62 | 190 | 7.8 | 6.0 | 36.00 | 32.60 | 1173.60 | 9.2 | 6.5 | 42.25 | 38.46 | 1624.94 |
| 53 | " | 191 | 8.6 | 6.1 | 37.21 | 35.95 | 1337.70 | 9.8 | 6.1 | 37.21 | 40.96 | 1524.12 |
| 54 | " | 197 | 8.5 | 6.4 | 40.96 | 35.53 | 1455.31 | 7.9 | 6.1 | 37.21 | 33.02 | 1228.67 |
| 55 | " | 185 | 8.0 | 6.9 | 47.61 | 33.44 | 1592.08 | 8.6 | 6.2 | 38.44 | 35.95 | 1381.92 |
| 56 | " | 202 | 9.8 | 7.6 | 57.76 | 40.96 | 2365.85 | 10.5 | 6.9 | 47.61 | 43.89 | 2089.60 |
| 60 | 5/4/63 | 194 | 7.3 | 4.8 | 23.04 | 30.51 | 702.95 | 6.8 | 4.7 | 22.09 | 28.42 | 627.80 |
| 62 | " | 200 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 | 5.1 | 3.4 | 11.56 | 21.32 | 246.46 |
| 63 | " | 181 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 | 5.4 | 3.4 | 11.56 | 22.57 | 260.91 |
| 64 | 5/3/58 | 179 | 8.2 | 6.3 | 39.69 | 34.28 | 1360.57 | 9.1 | 4.9 | 24.01 | 38.04 | 913.34 |
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Sceloporus graciosus

Sceloporus graciosus

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 8/1/58 | | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 2.6 | 1.2 | 1.44 | 5.36 | 12.04 |
| 5 | 8/16/58 | | 2.5 | 2.0 | 4.00 | 16.45 | 41.80 | 2.7 | 2.6 | 7.00 | 11.29 | 45.16 |
| 6 | " | | 1.5 | 1.4 | 1.96 | 6.27 | 12.29 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 9 | 8/26/58 | 62 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 |
| 15 | " | 58 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 | 2.1 | 1.5 | 2.25 | 8.78 | 19.75 |
| 16 | " | 63 | 2.1 | 1.9 | 3.61 | 8.78 | 31.70 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 |
| 18 | 9/10/58 | 58 | 3.5 | 2.9 | 8.41 | 14.63 | 123.04 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 |
| 19 | 9/20/58 | 56 | 3.0 | 2.5 | 1.25 | 12.54 | 78.37 | 2.7 | 2.4 | 5.76 | 11.29 | 65.03 |
| 21 | 5/17/59 | | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.5 | 3.1 | 9.61 | 14.63 | 140.59 |
| 22 | " | 60 | 3.5 | 2.8 | 7.84 | 14.63 | 114.70 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 |
| 23 | " | 57 | 3.5 | 2.9 | 8.41 | 14.63 | 123.04 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 |
| 26 | " | 60 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.0 | 2.9 | 8.41 | 12.54 | 105.46 |
| 27 | " | 60 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 |
| 29 | " | 54 | 2.8 | 2.5 | 6.25 | 11.70 | 73.12 | 3.2 | 2.9 | 8.41 | 13.38 | 112.53 |
| 30 | " | 58 | 3.3 | 3.1 | 9.61 | 13.79 | 132.52 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 31 | " | 56 | 3.0 | 3.0 | 9.00 | 12.54 | 112.86 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 |

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 5/17/54 | 57 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 |
| 34 | " | 58 | 2.7 | 2.2 | 4.84 | 11.29 | 54.64 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 |
| 35 | " | 56 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.1 | 3.1 | 9.61 | 12.96 | 124.54 |
| 36 | " | 62 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 |
| 37 | 7/1/54 | 63 | 1.3 | 1.1 | 1.21 | 5.43 | 6.57 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 39 | 7/9/54 | 49 | .9 | .7 | .49 | 3.76 | 1.84 | 1.2 | .6 | .36 | 5.02 | 1.81 |
| 40 | " | 49 | .9 | .7 | .49 | 3.76 | 1.84 | 1.2 | .8 | .64 | 5.02 | 3.21 |
| 42 | 7/19/54 | 54 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 43 | 8/11/54 | 57 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 |
| 44 | " | 59 | 3.5 | 2.5 | 6.25 | 14.63 | 91.44 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 |
| 46 | " | 42 | 1.5 | .7 | .49 | 6.27 | 3.07 | 1.5 | .7 | .49 | 6.27 | 3.07 |
| 50 | 8/14/54 | 56 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 53 | 8/24/54 | 57 | 2.2 | 1.7 | 3.61 | 9.20 | 33.21 | 3.8 | 1.7 | 3.61 | 9.61 | 34.69 |
| 55 | " | 60 | 2.7 | 2.5 | 6.25 | 11.29 | 70.56 | 2.7 | 2.5 | 6.25 | 12.12 | 75.75 |
| 56 | " | 60 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 |
| 57 | " | 54 | 1.7 | 1.5 | 2.25 | 7.94 | 17.86 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 8/2/54 | 57 | 1.7 | 1.5 | 2.25 | 7.11 | 16.00 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 60 | " | 61 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 61 | " | 59 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.8 | 1.5 | 2.25 | 7.52 | 16.92 |
| 62 | 8/27/54 | 59 | 2.4 | 1.9 | 3.61 | 16.03 | 36.21 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 65 | 9/4/54 | 56 | 3.8 | 2.8 | 7.84 | 15.88 | 108.11 | 4.6 | 2.8 | 7.84 | 16.77 | 131.08 |
| 66 | " | 56 | 3.3 | 2.2 | 4.84 | 13.79 | 66.74 | 3.2 | 2.5 | 6.25 | 13.35 | 83.62 |
| 68 | " | 49 | 3.6 | 2.2 | 4.84 | 10.87 | 52.61 | 2.9 | 1.9 | 3.61 | 10.12 | 43.75 |
| 69 | 9/6/54 | 58 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 | 3.5 | 2.8 | 7.84 | 14.63 | 114.70 |
| 70 | " | 56 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.5 | 2.3 | 5.29 | 13.79 | 72.95 |
| 72 | " | 55 | 3.1 | 2.6 | 6.76 | 12.96 | 87.61 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 |
| 74 | " | 58 | 3.1 | 3.6 | 9.00 | 12.96 | 116.64 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 |
| 75 | " | 56 | 2.7 | 2.2 | 4.84 | 12.12 | 58.66 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 |
| 77 | " | 56 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 | 3.0 | 3.2 | 10.24 | 12.54 | 60.69 |
| 78 | 9/14/54 | 62 | 3.8 | 3.6 | 9.00 | 15.88 | 142.92 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 |
| 79 | " | 55 | 2.0 | 1.4 | 1.96 | 8.36 | 16.39 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |
| 82 | 9/5/54 | 64 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.3 | 3.6 | 12.96 | 17.97 | 232.89 |

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84 | 5/15/60 | 64 | 4.2 | 4.0 | 16.00 | 17.56 | 280.96 | 7.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 86 | " | 64 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 |
| 87 | 7/16/60 | 58 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 |
| 88 | " | 61 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 89 | " | 56 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 | 1.8 | 1.1 | 1.21 | 7.52 | 9.10 |
| 90 | " | 61 | 2.8 | 2.6 | 6.76 | 11.76 | 11.49 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 |
| 91 | " | 57 | 3.4 | 2.5 | 7.84 | 14.21 | 111.41 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 |
| 102 | " | 51 | 1.3 | .9 | .81 | 5.43 | 4.40 | 1.1 | .9 | .81 | 4.60 | 3.73 |
| 104 | 4/6/61 | 59 | 3.9 | 3.6 | 12.96 | 16.30 | 211.25 | 4.1 | 3.2 | 10.24 | 17.14 | 175.57 |
| 106 | " | 57 | 4.1 | 3.1 | 9.61 | 17.14 | 164.71 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 |
| 107 | " | 57 | 3.9 | 3.3 | 10.89 | 16.30 | 177.51 | 3.7 | 3.1 | 9.61 | 16.30 | 156.64 |
| 108 | " | 53 | 3.8 | 3.3 | 10.89 | 15.88 | 172.93 | 3.7 | 3.1 | 9.61 | 16.30 | 156.64 |
| 109 | " | 57 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 117 | " | 60 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.3 | 2.7 | 7.29 | 13.79 | 100.53 |
| 113 | " | 62 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 |
| 114 | " | 58 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 |

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115 | 7/9/61 | 59 | 3.9 | 3.5 | 12.25 | 16.30 | 199.67 | 4.6 | 3.2 | 10.24 | 16.72 | 171.21 |
| 116 | " | 57 | 3.4 | 3.8 | 14.44 | 14.21 | 205.19 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 |
| 118 | 7/25/61 | 58 | 4.1 | 3.0 | 9.60 | 17.14 | 154.26 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 119 | " | 63 | 4.7 | 3.4 | 11.56 | 17.56 | 202.99 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 |
| 121 | 7/25/61 | 67 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 |
| 122 | " | 65 | 4.4 | 3.8 | 14.44 | 18.39 | 265.55 | 4.4 | 3.2 | 10.24 | 18.39 | 188.31 |
| 123 | 7/30/61 | 58 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 | 4.2 | 3.6 | 12.96 | 17.56 | 227.58 |
| 124 | " | 63 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 | 4.6 | 3.6 | 12.96 | 19.23 | 249.22 |
| 125 | " | 58 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 | 4.1 | 3.2 | 10.24 | 17.14 | 186.65 |
| 126 | " | 62 | 4.6 | 4.1 | 16.81 | 19.23 | 323.26 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 129 | " | 60 | 4.2 | 3.8 | 14.44 | 17.56 | 253.57 | 4.4 | 3.6 | 12.96 | 18.39 | 238.33 |
| 130 | 8/21/61 | 62 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 | 3.3 | 2.9 | 8.41 | 15.88 | 133.55 |
| 131 | " | 64 | 3.6 | 3.5 | 12.25 | 15.05 | 184.36 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 |
| 132 | " | 62 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 | 4.3 | 3.7 | 11.56 | 17.97 | 207.73 |
| 133 | " | 61 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 134 | " | 65 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.9 | 3.5 | 12.25 | 20.48 | 250.88 |

Species SCELOPORUS GRACIOSUS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 135 | 5/21/61 | 64 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 |
| 136 | " | 62 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 137 | " | 64 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 | 4.1 | 3.5 | 12.25 | 17.14 | 209.96 |
| 138 | " | 66 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 | 4.9 | 3.6 | 12.96 | 20.48 | 265.42 |
| 139 | " | 63 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 140 | " | 64 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 141 | " | 63 | 4.4 | 3.7 | 13.69 | 18.39 | 251.76 | 4.3 | 3.3 | 10.89 | 17.97 | 195.69 |
| 142 | " | 66 | 4.7 | 4.2 | 17.64 | 20.48 | 361.27 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 143 | " | 64 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 144 | " | 65 | 4.3 | 3.7 | 13.69 | 17.97 | 257.32 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 |
| 145 | " | 61 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 |
| 164 | 4/21/62 | 55 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.7 | 2.9 | 8.41 | 15.47 | 130.01 |
| 166 | " | 62 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 167 | " | 55 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 168 | " | 62 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 170 | " | 63 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 | 5.0 | 3.8 | 14.44 | 20.90 | 301.80 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 171 | 4/21/62 | 63 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 | 4.4 | 3.9 | 15.21 | 18.39 | 279.71 |
| 173 | " | 53 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 174 | 5/1/62 | 58 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 3.7 | 3.6 | 12.96 | 15.47 | 200.49 |
| 175 | " | 65 | 4.4 | 3.4 | 11.56 | 18.39 | 212.59 | 4.1 | 3.5 | 12.25 | 17.14 | 209.96 |
| 176 | " | 63 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 |
| 177 | " | 60 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 178 | " | 62 | 3.8 | 3.3 | 10.89 | 15.88 | 172.93 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 |
| 180 | " | 66 | 4.5 | 3.6 | 12.96 | 18.81 | 243.78 | 4.4 | 3.4 | 11.56 | 18.39 | 212.59 |
| 181 | " | 58 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 |
| 183 | " | 61 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.2 | 3.2 | 10.24 | 17.56 | 179.81 |
| 186 | " | 65 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 187 | " | 60 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.6 | 3.4 | 11.56 | 19.23 | 222.30 |
| 189 | " | 60 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 |
| 194 | 5/19/62 | 63 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 195 | " | 64 | 3.9 | 3.4 | 11.56 | 16.30 | 188.43 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 |
| 196 | " | 66 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 3.9 | 3.6 | 12.96 | 16.30 | 211.25 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 197 | 5/19/62 | 66 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 | 5.0 | 4.0 | 16.00 | 20.90 | 334.40 |
| 199 | | 68 | 4.3 | 3.8 | 14.44 | 17.97 | 259.49 | 4.7 | 3.3 | 10.89 | 19.65 | 213.99 |
| 200 | | 61 | 4.3 | 3.8 | 14.44 | 17.97 | 259.49 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 |
| 202 | | 67 | 4.4 | 3.7 | 13.69 | 18.39 | 251.76 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 |
| 207 | 5/20/62 | 65 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 |
| 208 | 6/3/62 | 60 | 3.3 | 3.0 | 9.00 | 13.79 | 124.11 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 209 | " | 61 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 213 | " | 65 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 216 | " | 67 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 |
| 217 | " | 61 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.6 | 3.2 | 10.24 | 15.05 | 154.11 |
| 219 | " | 60 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 221 | " | 61 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 4.3 | 2.8 | 7.84 | 17.97 | 140.88 |
| 222 | " | 59 | 3.4 | 3.3 | 10.89 | 14.21 | 154.75 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 223 | " | 58 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 | 3.5 | 2.9 | 8.41 | 14.63 | 123.04 |
| 224 | " | 57 | 3.3 | 2.9 | 8.41 | 13.79 | 115.97 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 |
| 225 | " | 65 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 6/3/62 | 68 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 230 | 6/26/62 | 60 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 2.5 | 2.2 | 4.84 | 10.45 | 50.58 |
| 232 | " | 57 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 |
| 233 | " | 59 | 2.5 | 2.2 | 4.84 | 10.45 | 50.58 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 |
| 235 | " | 58 | 2.6 | 2.5 | 6.25 | 10.87 | 67.94 | 2.7 | 2.6 | 6.76 | 11.29 | 76.32 |
| 237 | " | 58 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 2.6 | 2.1 | 4.41 | 10.87 | 47.94 |
| 238 | " | 44 | 1.1 | 0.9 | 0.81 | 4.60 | 3.73 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 |
| 240 | " | 61 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.1 | 2.9 | 8.41 | 12.96 | 108.99 |
| 241 | " | 61 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 |
| 242 | " | 62 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 243 | " | 56 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 2.7 | 2.7 | 7.29 | 11.29 | 82.30 |
| 244 | " | 60 | 2.9 | 2.4 | 5.76 | 12.12 | 69.81 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 |
| 245 | " | 63 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.0 | 2.9 | 8.41 | 12.54 | 105.46 |
| 247 | " | 62 | 3.2 | 2.8 | 7.84 | 13.38 | 104.90 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 |
| 248 | " | 57 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 |
| 249 | " | 62 | 3.3 | 2.6 | 6.76 | 13.79 | 93.22 | 3.2 | 2.6 | 6.76 | 13.38 | 90.45 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250 | 6/26/62 | 59 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 |
| 252 | 7/25/62 | 58 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 255 | " | 56 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 |
| 259 | " | 64 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 |
| 260 | " | 61 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 | 2.0 | 1.7 | 2.89 | 8.36 | 24.16 |
| 263 | " | 57 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 272 | " | 57 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 |
| 273 | " | 61 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 275 | " | 58 | 1.8 | 1.2 | 1.44 | 7.52 | 10.83 | 1.5 | 1.2 | 1.44 | 6.27 | 9.03 |
| 277 | " | 61 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 278 | " | 63 | 2.0 | 1.7 | 2.89 | 8.36 | 24.16 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 282 | " | 52 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 |
| 284 | " | 63 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 |
| 286 | " | 58 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 |
| 287 | " | 65 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 289 | " | 62 | 2.1 | 1.9 | 3.61 | 8.78 | 31.69 | 2.1 | 1.7 | 2.89 | 8.78 | 25.37 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 290 | 7/25/62 | 61 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 291 | " | 60 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 292 | " | 59 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 293 | 8/18/62 | 62 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 |
| 295 | " | 60 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 2.8 | 2.0 | 4.00 | 11.70 | 46.80 |
| 296 | " | 61 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 |
| 299 | " | 62 | 2.4 | 1.8 | 3.24 | 10.03 | 32.49 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 300 | " | 59 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 3.2 | 2.1 | 4.41 | 13.38 | 59.00 |
| 301 | " | 60 | 2.8 | 2.5 | 6.25 | 11.70 | 73.12 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 |
| 302 | " | 60 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 |
| 305 | " | 62 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 | 3.0 | 2.3 | 5.29 | 12.54 | 66.34 |
| 306 | " | 61 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 |
| 312 | " | 60 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 |
| 313 | " | 62 | 2.6 | 2.4 | 5.76 | 10.87 | 62.61 | 2.7 | 2.3 | 5.29 | 11.29 | 59.72 |
| 314 | " | 63 | 2.5 | 2.2 | 4.84 | 10.45 | 50.58 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 319 | 4/24/63 | 63 | 3.9 | 3.5 | 12.25 | 16.30 | 199.68 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 320 | 4/24/63 | 63 | 4.1 | 3.1 | 9.61 | 17.14 | 164.72 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 |
| 321 | " | 60 | 4.1 | 3.1 | 9.61 | 17.14 | 164.72 | 4.4 | 3.3 | 10.89 | 18.39 | 200.27 |
| 322 | " | 66 | 3.9 | 3.4 | 11.56 | 16.30 | 188.43 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 323 | " | 56 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 324 | " | 62 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 325 | " | 60 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 326 | " | 62 | 3.8 | 3.4 | 11.56 | 15.88 | 183.57 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 327 | " | 65 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 |
| 328 | " | 62 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 329 | " | 61 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 |
| 330 | " | 55 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 3.6 | 2.9 | 8.41 | 15.05 | 126.57 |
| 331 | " | 59 | 3.6 | 3.2 | 10.24 | 15.05 | 154.11 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 332 | " | 62 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 333 | " | 61 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 |
| 334 | 5/1/63 | 63 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 |
| 336 | 5/12/63 | 62 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 337 | 5/12/63 | 59 | 3.8 | 3.4 | 11.56 | 15.88 | 183.57 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 338 | " | 63 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 3.9 | 3.3 | 10.89 | 16.30 | 177.51 |
| 339 | 5/18/63 | 65 | 4.6 | 3.6 | 12.96 | 19.23 | 249.22 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 |
| 345 | " | 68 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 346 | " | 65 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 |
| 347 | " | 65 | 4.0 | 4.0 | 16.00 | 16.72 | 267.52 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 348 | " | 70 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 |
| 349 | " | 67 | 4.3 | 3.9 | 15.21 | 17.97 | 273.32 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 |
| 350 | 5/20/63 | 68 | 4.4 | 3.3 | 10.89 | 18.39 | 200.27 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 356 | " | 63 | 3.9 | 3.4 | 11.56 | 16.30 | 188.43 | 4.2 | 3.4 | 11.56 | ~~17.56~~ | 202.99 |
| 358 | " | 62 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 |
| 359 | " | 60 | 4.2 | ~~3.3~~ | 10.89 | 17.56 | 191.23 | 4.3 | 3.0 | 9.00 | 17.97 | 161.73 |
| 360 | " | 63 | 4.6 | 3.5 | 12.25 | 19.23 | 235.57 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |
| 361 | " | 68 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 363 | " | 61 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 |
| 366 | " | 63 | 4.3 | 2.6 | 6.76 | 17.97 | 121.48 | 4.4 | 3.2 | 10.24 | 18.39 | 188.31 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 367 | 5/20/63 | 60 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 |
| 368 | " | 64 | 4.4 | 3.6 | 12.96 | 18.39 | 238.33 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 |
| 369 | 6/5/63 | 63 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 |
| 370 | " | 62 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 371 | " | 59 | 3.2 | 2.8 | 7.84 | 13.38 | 104.90 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 372 | " | 60 | 3.4 | 2.8 ~~2.9~~ | 7.84 | 14.21 | 111.41 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 373 | " | 62 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 | 3.5 | 3.1 | 9.61 | 14.63 | 140.59 |
| 376 | " | 60 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 |
| 377 | " | 48 | 2.2 | 2.1 | 4.41 | 9.20 | 40.57 | 4.2 | 1.7 | 2.89 | 17.56 | 50.75 |
| 378 | " | 63 | 3.5 | 3.4 | 11.56 | 14.63 | 169.12 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 379 | " | 59 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 | 3.2 | 3.0 | 9.00 | 13.38 | 120.42 |
| 383 | " | 61 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 |
| 384 | " | 59 | 3.2 | 2.8 | 7.84 | 13.38 | 104.90 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 385 | " | 59 | 3.3 | 3.1 | 9.61 | 13.79 | 132.52 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 386 | " | 60 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 | 3.9 | 2.9 | 8.41 | 16.30 | 137.08 |
| 387 | " | 59 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 393 | 6/5/63 | 53 | 2.6 | 2.6 | 6.76 | 10.87 | 73.48 | 2.8 | 2.4 | 5.76 | 11.70 | 67.39 |
| 394 | 7/15/63 | 59 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 397 | " | 66 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 | 2.2 | 1.9 | 3.61 | 9.20 | 33.21 |
| 398 | " | 58 | 1.8 | 1.2 | 1.44 | 7.52 | 10.83 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 399 | " | 54 | 1.1 | 0.9 | 0.81 | 4.60 | 3.73 | 1.1 | 0.8 | 0.64 | 4.60 | 2.94 |
| 401 | " | 55 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.5 | 0.9 | 0.81 | 6.27 | 5.08 |
| 402 | " | 63 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 |
| 403 | " | 52 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 0.9 | 0.81 | 5.85 | 4.74 |
| 405 | " | 60 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.2 | 1.8 | 3.24 | 9.20 | 29.81 |
| 406 | " | 50 | 1.1 | 0.6 | 0.36 | 4.60 | 1.66 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 |
| 407 | " | 50 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 |
| 410 | " | 50 | 1.3 | 1.1 | 1.21 | 5.43 | 6.57 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 |
| 413 | 7/16/63 | 65 | 2.0 | 1.0 | 1.00 | 8.36 | 8.36 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 |
| 414 | " | 64 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 |
| 415 | " | 67 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |
| 417 | " | 67 | 2.8 | 2.1 | 4.41 | 11.70 | 51.60 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 418 | 7/16/63 | 67 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 |
| 419 | " | 62 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 |
| 422 | " | 65 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 | 2.3 | 1.8 | 3.24 | 9.61 | 31.14 |
| 428 | " | 63 | 2.4 | 1.9 | 3.61 | 10.03 | 36.21 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 |
| 430 | " | 66 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 |
| 431 | " | 65 | 2.6 | 2.3 | 5.29 | 10.87 | 57.50 | 3.1 | 2.2 | 5.76 | 12.96 | 74.65 |
| 432 | 7/18/63 | 51 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 |
| 433 | " | 55 | 1.3 | 1.2 | 1.44 | 5.43 | 7.82 | 1.3 | 0.7 | 0.49 | 5.43 | 2.66 |
| 437 | " | 57 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 |
| 438 | " | 62 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 441 | " | 45 | 0.9 | 0.7 | 0.49 | 3.76 | 1.84 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 |
| 442 | " | 45 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.0 | 0.5 | 0.25 | 4.18 | 1.05 |
| 445 | " | 65 | 2.4 | 1.4 | 1.96 | 10.03 | 19.66 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 449 | " | 63 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 450 | " | 53 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.4 | 0.9 | 0.81 | 5.85 | 4.74 |
| 451 | " | 64 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.8 | 1.4 | 1.96 | 7.52 | 14.74 |

Species _____

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 452 | 7/18/63 | 55 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 | 1.3 | 0.7 | 0.49 | 5.43 | 2.66 |
| 453 | " | 53 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 |
| 455 | " | 64 | 2.1 | 1.9 | 3.61 | 8.78 | 31.70 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 457 | " | 65 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 461 | " | 59 | 2.0 | 1.4 | 1.96 | 8.36 | 16.39 | 1.9 | 1.5 | 2.25 | 7.94 | 17.87 |
| 463 | " | 63 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 465 | 8/11/63 | 67 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 466 | " | 66 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 468 | " | 55 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.3 | 0.7 | 0.49 | 5.43 | 2.66 |
| 470 | " | 62 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 471 | " | 65 | 3.2 | 2.5 | 6.25 | 13.38 | 83.63 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 |
| 473 | " | 67 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 |
| 474 | " | 65 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 |
| 475 | " | 66 | 2.4 | 1.9 | 3.61 | 10.03 | 36.21 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |
| 476 | " | 57 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 478 | 8/13/63 | 65 | 2.8 | 2.3 | 5.29 | 11.70 | 61.89 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 480 | 8/13/63 | 66 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 |
| 482 | " | 56 | 1.6 | 2.1 | 4.41 | 6.69 | 29.50 | 1.6 | 2.1 | 4.41 | 6.69 | 29.50 |
| 483 | " | 60 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 |
| 484 | " | 62 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 486 | " | 58 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 |
| 488 | " | 61 | 2.4 | 1.3 | 1.69 | 10.03 | 16.95 | 2.4 | 1.5 | 2.25 | 10.03 | 22.57 |
| 490 | " | 63 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.8 | 1.1 | 1.21 | 7.52 | 9.10 |
| 491 | " | 60 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 | 2.0 | 1.4 | 1.96 | 8.36 | 16.39 |
| 492 | " | 58 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 0.9 | 0.81 | 5.85 | 4.74 |
| 495 | " | 62 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 |
| 496 | " | 55 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 | 2.2 | 1.3 | 1.69 | 9.20 | 15.55 |
| 497 | " | 56 | 1.7 | 1.5 | 2.25 | 7.11 | 16.00 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 501 | " | 55 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.4 | 1.9 | 3.61 | 10.03 | 36.21 |
| 503 | " | 62 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 | 3.4 | 2.0 | 4.00 | 14.21 | 56.84 |
| 504 | " | 58 | ~~2.9~~ | 2.4 | 5.76 | 12.12 | 69.81 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 |
| 505 | " | 55 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 506 | 8/13/63 | 61 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 |
| 508 | " | 60 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 |
| 509 | " | 55 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 511 | " | 62 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 |
| 512 | " | 64 | 3.4 | 2.4 | 5.76 | 14.21 | 81.85 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 |
| 514 | " | 61 | 2.7 | 2.2 | 4.84 | 11.29 | 54.64 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 518 | 8/17/63 | 65 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 519 | 9/7/63 | 55 | 2.2 | 2.0 | 4.00 | 9.20 | 36.80 | 2.3 | 1.5 | 2.25 | 9.61 | 21.62 |
| 520 | " | 56 | 3.4 | 3.2 | 10.24 | 14.21 | 145.51 | 3.5 | 2.9 | 8.41 | 14.63 | 123.04 |
| 521 | " | 61 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 522 | " | 65 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 523 | " | 63 | 4.0 | 3.2 | 10.24 | 16.72 | 171.21 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 524 | " | 58 | 2.7 | 2.2 | 4.84 | 11.29 | 54.64 | 2.7 | 2.1 | 4.41 | 11.29 | 49.79 |
| 525 | " | 60 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 528 | " | 61 | 4.0 | 3.0 | 9.00 | 16.72 | 150.48 | 4.1 | 3.1 | 9.61 | 17.14 | 164.72 |
| 529 | " | 61 | 3.9 | 3.7 | 13.69 | 16.30 | 223.15 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 |

Species SCELOPORUS GRACIOSUS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 530 | 9/7/63 | 66 | 3.9 | 3.4 | 11.56 | 16.30 | 188.43 | 4.1 | 3.0 | 9.00 | 17.14 | 154.26 |
| 532 | " | 63 | 3.0 | 2.6 | 6.76 | 12.54 | 84.77 | 3.2 | 2.5 | 6.25 | 13.38 | 83.63 |
| 536 | 9/10/63 | 57 | 2.3 | 2.2 | 4.84 | 9.61 | 46.51 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 537 | " | 58 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 538 | " | 59 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 |
| 539 | " | 55 | 2.9 | 2.6 | 6.76 | 12.12 | 81.93 | 2.8 | 2.3 | 5.29 | 11.70 | 61.89 |

Sceloporus magister

Sceloporus magister

Species SCELOPORUS MAGISTER

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4/14/54 | 93 | 4.0 | 2.9 | 8.41 | 16.72 | 140.61 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 3 | 4/24/54 | 84 | 2.6 | 1.3 | 1.69 | 8.36 | 14.13 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 |
| 4 | 5/9/54 | 78 | 1.1 | 1.9 | 3.61 | 4.60 | 16.61 | 1.1 | 1.9 | 3.61 | 4.60 | 16.61 |
| 5 | " | 88 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 | 2.4 | 1.8 | 3.24 | 16.03 | 32.50 |
| 6 | " | 167 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 11 | 6/7/54 | 95 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 |
| 12 | " | 75 | 1.3 | .9 | .81 | 5.43 | 4.40 | 1.2 | .8 | .64 | 5.02 | 3.21 |
| 13 | 6/23/54 | 92 | 2.3 | 1.5 | 2.25 | 9.61 | 21.62 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 |
| 16 | " | 75 | 1.4 | .9 | .81 | 5.85 | 4.74 | 1.3 | .9 | .81 | 5.43 | 4.40 |
| 17 | " | 57 | 1.0 | .6 | .36 | 4.18 | 1.50 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 19 | 5/3/54 | 105 | 2.8 | 1.7 | 2.89 | 11.70 | 33.81 | 2.4 | 1.8 | 3.24 | 16.03 | 32.50 |
| 20 | " | 105 | 2.2 | 1.5 | 2.25 | 9.20 | 20.70 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 23 | 7/15/54 | 110 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 | 3.3 | 1.9 | 3.61 | 9.61 | 24.60 |
| 24 | 7/15/54 | 104 | 3.4 | 2.2 | 4.84 | 14.21 | 68.78 | 3.4 | 2.1 | 4.41 | 14.21 | 62.67 |
| 25 | " | 105 | 2.4 | 1.6 | 2.56 | 10.03 | 25.68 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 |
| 26 | " | 94 | 2.7 | 1.7 | 2.89 | 11.29 | 32.63 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |

Species SCELOPORUS MAGISTER

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 7/15/59 | 102 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 2.7 | 1.6 | 2.56 | 12.12 | 31.03 |
| 28 | " | 55 | 1.0 | .6 | .36 | 4.18 | 1.50 | 1.0 | .3 | .09 | 4.18 | .38 |
| 29 | " | 75 | 1.6 | .7 | .49 | 6.69 | 3.28 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 30 | " | 56 | .9 | .6 | .36 | 3.76 | 1.35 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 31 | " | 60 | 1.0 | .6 | .36 | 4.18 | 1.50 | 1.0 | .3 | .09 | 4.18 | .38 |
| 33 | " | 59 | .8 | .6 | .36 | 3.34 | 1.20 | .9 | .5 | .25 | 3.76 | .94 |
| 34 | " | 75 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .8 | .64 | 5.43 | 3.47 |
| 47 | 7/29/59 | 83 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.7 | 1.1 | 1.21 | 7.11 | 8.60 |
| 48 | " | 109 | 3.3 | 1.8 | 3.24 | 13.79 | 44.68 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 |
| 49 | " | 104 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 51 | " | 62 | 1.0 | .7 | .49 | 4.18 | 2.05 | 1.0 | .6 | .36 | 4.18 | 1.50 |
| 55 | 8/25/59 | | 1.0 | .5 | .25 | 4.18 | 1.04 | 1.0 | .5 | .25 | 4.18 | 1.04 |
| 57 | 8/25/59 | 77 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | .9 | .81 | 5.85 | 4.74 |
| 58 | 8/25/59 | 81 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 |
| 59 | 8/26/59 | 67 | 1.3 | .5 | .25 | 5.43 | 1.36 | 1.9 | .9 | .81 | 7.94 | 6.43 |
| 64 | 9/25/59 | 100 | 3.7 | 1.7 | 2.89 | 11.29 | 32.63 | 2.6 | 1.7 | 2.89 | 10.87 | 31.41 |

Species SCELOPORUS MAGISTER

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 8/25/57 | 99 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 |
| 68 | " | 86 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 69 | " | 108 | 2.7 | 1.5 | 2.25 | 11.29 | 25.40 | 2.5 | 1.4 | 1.96 | 10.45 | 20.48 |
| 74 | " | 93 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.3 | 1.6 | 2.56 | 9.61 | 24.60 |
| 75 | " | 74 | 1.1 | .8 | .64 | 4.60 | 2.94 | 1.0 | .7 | .49 | 4.18 | 2.05 |
| 77 | 9/14/57 | 96 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 2.2 | 1.7 | 3.61 | 9.20 | 33.21 |
| 78 | " | 83 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 |
| 79 | " | 104 | 3.0 | 1.9 | 3.61 | 12.54 | 45.27 | 2.6 | 2.5 | 2.25 | 10.87 | 24.46 |
| 80 | " | 100 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 |
| 83 | " | 94 | 2.8 | 1.6 | 2.56 | 11.70 | 29.95 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 84 | " | 59 | 1.0 | .7 | .49 | 4.18 | 2.05 | 1.0 | .6 | .36 | 4.18 | 1.50 |
| 85 | " | 64 | 1.3 | .9 | .81 | 5.43 | 4.40 | 1.1 | .9 | .81 | 4.60 | 3.73 |
| 86 | 9/15/57 | 73 | 1.3 | .8 | .64 | 5.43 | 3.47 | 1.3 | .8 | .81 | 5.43 | 4.40 |
| 87 | " | 99 | 4.5 | 3.3 | 10.89 | 18.81 | 204.84 | 4.7 | 3.2 | 10.24 | 18.34 | 188.31 |
| 88 | 10/11/57 | 95 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 92 | " | 94 | 3.2 | 2.5 | 6.25 | 13.38 | 83.62 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 |

Species SCELOPORUS MAGISTER

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 94 | 10/11/59 | 101 | 4.0 | 2.9 | 8.41 | 16.72 | 140.61 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 96 | " | 102 | 4.0 | 3.2 | 16.24 | 16.72 | 171.21 | 3.5 | 3.2 | 10.24 | 15.88 | 162.61 |
| 97 | " | 90 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.8 | 3.0 | 9.00 | 15.88 | 142.92 |
| 99 | " | 98 | 3.8 | 2.5 | 6.25 | 15.88 | 99.25 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 |
| 100 | " | 103 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.9 | 2.7 | 7.29 | 16.30 | 118.83 |
| 102 | 3/10/60 | 109 | 4.7 | 3.9 | 15.21 | 19.65 | 298.88 | 4.6 | 3.5 | 14.44 | 19.23 | 277.68 |
| 104 | 3/10/60 | 111 | 5.5 | 4.3 | 18.49 | 22.99 | 425.08 | 4.9 | 4.6 | 16.00 | 20.48 | 327.68 |
| 105 | 3/19/60 | 89 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 106 | " | 105 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 | 5.2 | 3.6 | 12.96 | 21.74 | 281.75 |
| 107 | 4/2/60 | 100 | 6.0 | 4.1 | 16.81 | 25.08 | 421.59 | 5.3 | 3.7 | 13.69 | 22.15 | 303.23 |
| 109 | " | 85 | 4.8 | 3.4 | 11.56 | 20.06 | 231.89 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 110 | " | 105 | 5.7 | 4.5 | 20.25 | 23.83 | 482.56 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 |
| 112 | 5/24/60 | 102 | 4.7 | 3.4 | 11.56 | 19.65 | 227.15 | 4.4 | 2.8 | 7.84 | 18.39 | 144.18 |
| 113 | " | 92 | 3.9 | 2.6 | 6.76 | 16.30 | 110.19 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 115 | " | 101 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 | 3.9 | 3.4 | 11.56 | 16.30 | 181.43 |
| 118 | 5/24/60 | 114 | 5.4 | 4.0 | 16.00 | 22.57 | 361.12 | 5.2 | 3.7 | 13.69 | 21.74 | 297.62 |

Species SCELOPORUS MAGISTER

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 7/16/60 | 88 | 1.9 | 1.1 | 1.21 | 7.94 | 9.61 | 1.2 | 1.3 | 1.69 | 5.02 | 8.48 |
| 121 | " | 111 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 122 | 5/7/61 | 114 | 4.7 | 3.8 | 14.44 | 19.65 | 283.75 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 |
| 123 | " | 119 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 | 5.2 | 3.7 | 13.69 | 21.74 | 297.62 |
| 125 | illegible | illegible | illegible | illegible | illegible | illegible | 30.20 | illegible | illegible | illegible | illegible | 25.40 |
| 126 | 9/30/61 | 100 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 127 | 4/22/62 | 108 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 4.8 | 3.7 | 13.69 | 20.06 | 274.62 |
| 128 | " | 101 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 |
| 129 | " | 99 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 |
| 130 | " | 110 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 131 | " | 104 | 5.5 | 4.3 | 18.49 | 22.99 | 425.08 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 |
| 132 | " | 110 | 5.1 | 4.3 | 18.49 | 21.32 | 394.21 | 5.6 | 4.6 | 21.16 | 23.41 | 495.36 |
| 133 | " | 95 | 4.4 | 4.0 | 16.00 | 18.39 | 294.24 | 5.0 | 3.7 | 13.69 | 20.90 | 286.12 |
| 134 | " | 90 | 4.6 | 3.9 | 15.21 | 19.23 | 292.49 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 |
| 135 | " | 105 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 5.4 | 3.9 | 15.21 | 22.57 | 343.29 |
| 136 | " | 110 | 5.2 | 4.5 | 20.25 | 21.74 | 440.24 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 |

Species SCELOPORUS MAGISTER

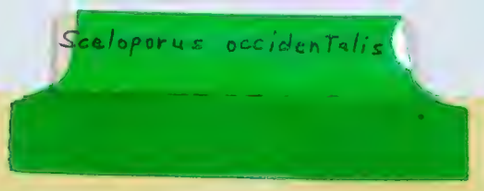
| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 4/22/62 | 118 | 5.4 | 4.7 | 22.09 | 22.57 | 498.57 | 5.2 | 4.1 | 16.81 | 21.74 | 365.45 |
| 139 | " | 109 | 5.1 | 4.1 | 16.81 | 21.32 | 358.39 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 |
| 141 | " | 110 | 5.9 | 4.3 | 18.49 | 24.66 | 455.96 | 5.8 | 4.3 | 18.49 | 24.24 | 448.20 |
| 143 | " | 106 | 5.0 | 4.0 | 16.00 | 20.90 | 334.40 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 |
| 144 | " | 94 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 | 4.3 | 3.6 | 12.96 | 17.97 | 232.89 |
| 145 | " | 113 | 5.2 | 3.7 | 13.69 | 21.74 | 297.62 | 5.6 | 3.9 | 15.21 | 23.41 | 356.07 |
| 147 | " | 106 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 | 4.9 | 3.8 | 14.44 | 20.48 | 295.73 |
| 148 | " | 110 | 6.0 | 4.6 | 21.16 | 25.08 | 530.69 | 5.7 | 4.4 | 19.36 | 23.83 | 461.35 |
| 150 | 5/4/62 | 115 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 | 4.9 | 3.7 | 13.69 | 20.48 | 276.28 |
| 151 | " | 117 | 5.4 | 4.5 | 20.25 | 22.57 | 457.04 | 5.2 | 4.1 | 16.81 | 21.74 | 365.45 |
| 152 | " | 104 | 5.8 | 4.3 | 18.49 | 24.24 | 448.20 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 |
| 153 | " | 100 | 4.2 | 3.5 | 12.25 | 17.56 | 215.11 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 154 | 6/26/62 | 109 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 155 | " | 104 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 | 4.4 | 3.5 | 12.25 | 18.39 | 225.28 |
| 156 | " | 95 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 |
| 158 | " | 108 | 3.8 | 3.2 | 10.24 | 15.88 | 162.61 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |

Species SCELOPORUS MAGISTER

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160 | 6/26/62 | 109 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 | 3.5 | 2.6 | 6.76 | 14.63 | 98.90 |
| 162 | " | 105 | 2.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 |
| 163 | " | 87 | 2.1 | 1.1 | 1.21 | 8.78 | 10.62 | 1.9 | 1.0 | 1.00 | 7.94 | 7.94 |
| 168 | " | 105 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 169 | " | 99 | 3.3 | 2.0 | 4.00 | 13.79 | 55.16 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 |
| 172 | 6/27/62 | 106 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 | 4.4 | 3.0 | 9.00 | 18.39 | 165.51 |
| 173 | " | 85 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 179 | " | 98 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 181 | " | 102 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 182 | " | 97 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 186 | 7/25/62 | 104 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 |
| 187 | " | 110 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 188 | " | 113 | 3.0 | 1.6 | 2.56 | 12.54 | 32.10 | 2.8 | 1.8 | 3.24 | 11.70 | 37.91 |
| 189 | " | 109 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 191 | " | 105 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 | 2.5 | 2.1 | 4.41 | 10.45 | 46.08 |
| 192 | " | 102 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 |

Species SCELOPORUS MAGISTER

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 193 | 7/25/62 | 109 | 2.7 | 1.5 | 2.25 | 15.47 | 34.81 | 2.2 | 1.4 | 1.96 | 9.20 | 18.03 |
| 196 | 8/18/62 | 92 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.3 | 1.3 | 1.69 | 9.61 | 16.24 |
| 197 | " | 114 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 | 2.6 | 1.6 | 2.56 | 10.87 | 27.83 |
| 202 | 8/21/62 | 117 | 4.0 | 2.5 | 6.25 | 16.72 | 104.50 | 3.7 | 2.7 | 7.29 | 15.47 | 112.78 |
| 203 | 9/23/62 | 106 | 3.2 | 2.3 | 5.29 | 13.38 | 70.78 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 |
| 204 | 9/5/63 | 67 | 0.9 | 0.5 | 0.25 | 3.76 | 0.94 | 0.9 | 0.5 | 0.25 | 3.76 | 0.94 |
| 205 | 5/1/64 | 108 | 5.4 | 4.7 | 22.09 | 22.57 | 479.7 | 5.4 | 4.3 | 18.49 | 22.57 | [illegible] |
| 208 | 8/19/64 | 80 | 1.5 | 0.8 | 0.64 | 6.27 | [illegible] | 1.3 | 0.8 | 0.64 | 5.43 | [illegible] |
| 209 | 9/10/64 | 100 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 211 | " | 101 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |
| 213 | 5/1/65 | 137 | 6.0 | 4.5 | 20.25 | 25.08 | 507.87 | 4.4 | 3.7 | 13.69 | 18.39 | 251.76 |
| 214 | 3/22/67 | 110 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |
| 215 | 3/22/67 | 109 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.5 | 3.6 | 12.96 | 18.81 | 243.75 |
| 216 | 4/22/67 | 106 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 217 | 5/17/68 | 112 | 6.4 | 4.7 | 22.09 | 26.75 | 590.91 | 6.1 | 4.2 | 17.64 | 25.50 | 449.82 |
| | | | | | | | | | | | | |


Sceloporus occidentalis

Sceloporus occidentalis

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 8/ /63 | 80 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 |
| 5 | 8/16/63 | 70 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 | 2.5 | 1.5 | 2.25 | 8.36 | 24.16 |
| 11 | 8/23/63 | 77 | 2.0 | 1.2 | 1.44 | 8.36 | 12.04 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 |
| 12 | " | 74 | 2.0 | 1.2 | 1.44 | 8.36 | 12.04 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 |
| 13 | 9/12/63 | 76 | 2.2 | 1.2 | 1.44 | 9.20 | 13.25 | 2.0 | 1.2 | 1.44 | 8.36 | 12.04 |
| 14 | 9/26/63 | 64 | 3.9 | 2.0 | 4.00 | 12.12 | ~~48.48~~ | 2.4 | 2.0 | 4.00 | 10.03 | ~~40.12~~ |
| 15 | 9/25/63 | 74 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 | 2.7 | 2.5 | 6.25 | 11.29 | 70.56 |
| 20 | " | 66 | 2.6 | 1.7 | 2.89 | 10.87 | 31.41 | 2.5 | 2.1 | 7.41 | 10.45 | 76.08 |
| 21 | " | 69 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 | 3.6 | 2.0 | 4.00 | 10.87 | 43.48 |
| 22 | " | 77 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 | 3.5 | 2.6 | 6.76 | 14.63 | 98.80 |
| 23 | " | 71 | 3.4 | 2.0 | 4.00 | 14.63 | 46.12 | 3.0 | 2.9 | 5.76 | 12.54 | 72.23 |
| 24 | 10/6/63 | 82 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 |
| 25 | " | 80 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 3.7 | 2.4 | 5.76 | 15.47 | 89.11 |
| 26 | " | 67 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 |
| 27 | " | 71 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 |
| 30 | 10/18/63 | 84 | illegible | illegible | illegible | illegible | | illegible | illegible | illegible | illegible | |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 10/10/58 | 78 | 3.7 | 3.5 | 12.25 | 15.47 | 189.51 | 4.0 | 3.2 | 10.24 | 16.72 | 171.21 |
| 30 | 10/10/58 | 81 | 4.0 | 3.9 | 15.21 | 16.72 | 254.31 | 5.0 | 3.4 | 11.56 | 20.90 | 241.60 |
| 34 | 3/3/59 | 73 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 | 4.5 | 3.2 | 10.24 | 18.81 | 192.01 |
| 35 | " | 77 | 4.1 | 3.5 | 12.25 | 17.14 | 209.96 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 36 | " | 75 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 |
| 37 | " | 55 | 2.5 | 2.5 | 6.25 | 10.45 | 65.31 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 |
| 38 | " | 56 | 3.1 | 1.9 | 3.61 | 5.78 | 31.69 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 |
| 46 | 3/31/59 | 79 | 3.7 | 3.5 | 12.25 | 15.47 | 189.51 | 3.7 | 3.5 | 12.25 | 15.47 | 189.51 |
| 47 | 4/1/59 | 78 | 4.2 | 3.5 | 12.25 | 17.56 | 215.11 | 3.5 | 3.5 | 12.25 | 14.63 | 179.22 |
| 48 | 4/11/59 | 79 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.0 | 3.8 | 14.44 | 16.72 | 241.44 |
| 49 | 4/14/59 | 81 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 | 3.7 | 3.7 | 13.69 | 15.47 | 211.78 |
| 50 | " | 72 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 | 4.7 | 3.8 | 14.44 | 19.65 | 283.75 |
| 51 | " | 74 | 4.1 | 4.1 | 16.81 | 17.14 | 288.12 | 4.2 | 3.5 | 12.25 | 17.97 | 220.13 |
| 52 | " | 73 | 4.3 | 3.8 | 14.44 | 17.97 | 259.49 | 4.4 | 3.7 | 13.21 | 18.39 | 242.91 |
| 53 | " | 77 | 4.5 | 3.6 | 12.96 | 18.81 | 243.78 | 4.4 | 3.8 | 14.44 | 18.39 | 265.55 |
| 56 | 4/24/59 | 76 | 3.8 | 3.5 | 12.25 | 15.88 | 194.53 | 3.9 | 3.3 | 10.89 | 15.47 | 168.47 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | 5/3/59 | 84 | 4.5 | 3.3 | 10.89 | 18.81 | 204.54 | 4.0 | 3.5 | 12.25 | 16.72 | 204.52 |
| 60 | 5/8/59 | 70 | 3.8 | 2.8 | 7.84 | 15.88 | 124.50 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 |
| 61 | " | 73 | 3.6 | 3.4 | 11.56 | 15.05 | 173.98 | 3.9 | 3.5 | 12.25 | 16.30 | 199.67 |
| 62 | " | 72 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 |
| 63 | " | 71 | 4.2 | 4.0 | 16.00 | 17.56 | 280.96 | 4.4 | 3.7 | 13.69 | 18.31 | 251.76 |
| 64 | " | 50 | 1.0 | .6 | .36 | 4.18 | 1.50 | 1.0 | .9 | .81 | 4.18 | 3.38 |
| 65 | " | 55 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 66 | " | 56 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.2 | 1.0 | 1.00 | 5.02 | 5.02 |
| 67 | " | 80 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 | 4.5 | 4.3 | 18.49 | 18.81 | 347.80 |
| 68 | " | 72 | 4.1 | 3.9 | 15.21 | 17.14 | 260.70 | 4.0 | 3.7 | 13.69 | 16.72 | 228.40 |
| 69 | 5/9/59 | 77 | 5.0 | 4.1 | 16.81 | 20.90 | 351.33 | 4.7 | 3.9 | 15.21 | 19.65 | 298.88 |
| 70 | " | 64 | 3.3 | 3.2 | 10.24 | 13.79 | 141.21 | 3.3 | 3.2 | 10.24 | 13.79 | 141.21 |
| 71 | " | 63 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 3.6 | 3.6 | 12.96 | 15.05 | 195.05 |
| 72 | " | 74 | 4.6 | 4.0 | 16.00 | 19.25 | 307.68 | 4.4 | 4.3 | 18.49 | 18.23 | 355.56 |
| 73 | " | 78 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.6 | 3.5 | 12.25 | 16.72 | 204.82 |
| 74 | " | 79 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 | 4.6 | 4.2 | 17.64 | 19.23 | 339.22 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 5/8/57 | 58 | 1.4 | 1.3 | 1.69 | 5.85 | 7.89 | 1.6 | 1.3 | 1.69 | 6.69 | 4.31 |
| 83 | 5/27/57 | 74 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 | 3.5 | 3.1 | 9.61 | 14.63 | 140.57 |
| 84 | " | 76 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 | 4.3 | 3.6 | 12.96 | 17.97 | 232.59 |
| 85 | " | 77 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 |
| 88 | 5/29/57 | 80 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 | 4.6 | 3.5 | 10.89 | 14.72 | 182.08 |
| 87 | " | 73 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 |
| 90 | " | 82 | 3.3 | 2.4 | 5.76 | 13.79 | 79.43 | 3.5 | 2.7 | 7.29 | 14.63 | 146.65 |
| 91 | " | 76 | 3.7 | 2.7 | 7.29 | 15.47 | 113.78 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 92 | " | 69 | 3.2 | 2.5 | 6.25 | 13.38 | 83.62 | 3.5 | 3.2 | 10.24 | 14.63 | 149.81 |
| 93 | 6/3/57 | 62 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 94 | " | 65 | 2.5 | 2.4 | 5.76 | 10.45 | 60.19 | 2.7 | 2.3 | 5.29 | 11.27 | 59.72 |
| 101 | 6/24/57 | 77 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 102 | " | 64 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 103 | " | 76 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.3 | 1.7 | 2.89 | 9.61 | 27.67 |
| 104 | " | 73 | 1.7 | 1.2 | 1.44 | 7.94 | 11.43 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 105 | " | 72 | 1.9 | 1.2 | 1.44 | 7.94 | 11.43 | Appear same as Lt. 1.9 (est.) | 1.2 | 1.44 | 7.94 | Same as Lt. 11.43 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 6/25/59 | 79 | 2.1 | 1.9 | 3.61 | 8.78 | 31.69 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 |
| 107 | " | 74 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 | 1.8 | 1.5 | 2.25 | 7.52 | 16.92 |
| 108 | " | 76 | 1.8 | 1.6 | 2.56 | 7.52 | 19.25 | 1.8 | 1.6 | 2.56 | 7.52 | 19.25 |
| 109 | " | 77 | 2.3 | 1.5 | 2.25 | 9.20 | 20.70 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 |
| 110 | " | 70 | 1.7 | 1.5 | 2.25 | 7.11 | 15.99 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 |
| 111 | " | 63 | 1.3 | .8 | 0.64 | 5.43 | ~~3.47~~ | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 |
| 112 | " | 74 | 1.9 | 1.7 | 2.89 | 7.94 | 22.95 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 |
| 113 | " | 61 | 1.3 | .7 | 0.49 | 5.43 | ~~2.66~~ | 1.1 | .6 | 0.36 | 4.60 | 1.66 |
| 114 | " | 77 | 1.9 | 1.8 | 3.24 | 7.94 | 25.73 | 1.9 | 1.6 | 2.56 | 7.94 | 26.33 |
| 115 | " | 53 | .9 | .6 | 0.36 | 3.76 | ~~1.35~~ | 1.2 | .7 | 0.49 | 5.02 | 2.31 |
| 116 | " | 57 | 1.3 | .9 | 0.81 | 5.43 | ~~4.40~~ | 1.2 | .8 | 0.64 | 5.02 | 3.31 |
| 117 | 6/24/59 | 63 | not measurable | | | | — | not measurable | | | ~~4.60~~ | — |
| 118 | " | 68 | 3.0 | 2.8 | 7.84 | 12.54 | 98.31 | 3.0 | 2.1 | 6.76 | 12.54 | 84.77 |
| 119 | " | 65 | 1.4 | .9 | 0.81 | 5.85 | 4.74 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 120 | " | 72 | 3.5 | 3.1 | 4.41 | 10.45 | 46.08 | 3.2 | 1.5 | 3.24 | 9.20 | 29.81 |
| 121 | 7/6/59 | 70 | 2.1 | 1.4 | 1.96 | 8.78 | 17.21 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 7/9/69 | 78 | not measured due to abnormal condition | | | | ~ | 2.5 | 1.9 | 3.61 | 10.45 | 37.72 |
| 129 | " | 73 | 1.6 | 1.3 | 1.69 | 6.69 ~~5.56~~ | 11.31 | 1.3 | 1.2 | 1.44 | 5.43 | 7.82 |
| 130 | " | 72 | 1.6 | 1.2 | 1.44 | 6.69 ~~5.56~~ | 9.63 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 131 | " | 72 | 1.5 | 1.2 | 1.44 | 6.27 ~~4.35~~ | 9.03 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 132 | " | 74 | 1.9 | 1.6 | 2.56 | 7.94 ~~5.51~~ | 20.33 | 1.9 | 1.6 | 2.56 | 7.94 | 20.33 |
| 133 | " | 66 | 2.0 | 1.4 | 1.96 | 8.36 | 16.38 | 1.9 | 1.1 | 1.21 | 7.94 | 9.61 |
| 134 | " | 68 | 1.8 | 1.2 | 1.44 | 7.52 | 10.83 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 135 | " | 77 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 |
| 139 | 7/10/69 | 70 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 140 | " | 63 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |
| 141 | 7/5/69 | 60 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 | 1.7 | 1.6 | 2.56 | 7.11 | ~~8.20~~ |
| 142 | " | 64 | 1.3 | .7 | 1.49 | 5.43 | 2.66 | 1.2 | .8 | 0.64 | 5.02 | 3.21 |
| 143 | " | 79 | 2.5 | 1.8 | 5.24 | 10.45 | 53.86 | 1.7 | 1.5 | 2.25 | 7.11 | 16.00 |
| 144 | " | 80 | 2.2 | 2.2 | 4.84 | 9.20 | 44.53 | 2.2 | 1.8 | 3.24 | 9.20 | 29.81 |
| 145 | " | 55 | 1.0 | .7 | 0.49 | 4.18 | 2.05 | 1.0 | .7 | 0.49 | 4.18 | 2.05 |
| 146 | " | 56 | 1.1 | .8 | 0.64 | 4.60 | 2.94 | 1.1 | .8 | 0.64 | 4.60 | 2.94 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 147 | 7/16/59 | 58 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 150 | " | 59 | 1.4 | .9 | .81 | 5.85 | 4.74 | 1.2 | .9 | .81 | 5.02 | 4.07 |
| 154 | 7/17/59 | 62 | 1.2 | .7 | .49 | 5.02 | 2.46 | 1.2 | .7 | .49 | 5.02 | 2.46 |
| 156 | 7/18/59 | 62 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 157 | " | 58 | 1.1 | .7 | .49 | 4.60 | 2.25 | 1.2 | .9 | .81 | 5.02 | 4.07 |
| 160 | 7/19/59 | 62 | 1.2 | .9 | .81 | 5.02 | 4.07 | 1.1 | .7 | .49 | 4.60 | 2.25 |
| 162 | 7/27/59 | 64 | 1.4 | 1.1 | 1.21 | 5.85 | 7.08 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 164 | " | 60 | 1.1 | .7 | .49 | 4.60 | 2.25 | 1.2 | .7 | .49 | 5.02 | 2.46 |
| 166 | " | 63 | 1.5 | 1.1 | 1.21 | 5.43 | 6.57 | 1.4 | .9 | .81 | 5.85 | 4.74 |
| 168 | " | 74 | 2.1 | 1.4 | 2.56 | 8.78 | 22.48 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 |
| 169 | " | 77 | 2.0 | 1.5 | 3.25 | 8.36 | 18.81 | 1.8 | 1.7 | 2.89 | 7.52 | 21.73 |
| 170 | " | 67 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 174 | " | 75 | 2.0 | 1.8 | 3.24 | 8.36 | 27.09 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 |
| 175 | " | 66 | 1.4 | 1.6 | 2.56 | 5.85 | 14.98 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 176 | " | 72 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 |
| 181 | " | 80 | 1.7 | 1.6 | 2.56 | 7.11 | 18.20 | 1.7 | 1.6 | 2.56 | 7.11 | 18.20 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 183 | 7/29/57 | 64 | 1.5 | .9 | .81 | 6.27 | 5.08 | 1.3 | .8 | .64 | 5.43 | 3.47 |
| 184 | " | 52 | 1.3 | 1.0 | 1.00 | 5.43 | 5.45 | 1.3 | 1.1 | 1.21 | 5.43 | 6.57 |
| 185 | " | 68 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.4 | 1.1 | 1.21 | 5.85 | 7.08 |
| 186 | " | 64 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 187 | " | 85 | 2.6 | 1.9 | 3.61 | 10.87 | 39.24 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 |
| 191 | 8/5/57 | 68 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 | 1.8 | 1.3 | 1.69 | 7.52 | 13.71 |
| 193 | 8/12/57 | 78 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.4 | 1.4 | 1.96 | 10.03 | 19.66 |
| 196 | 8/6/57 | 78 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 | 2.2 | 1.8 | 3.24 | 9.20 | 29.81 |
| 197 | 8/6/57 | 68 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 198 | " | 77 | 3.0 | 1.7 | 2.89 | 12.54 | 36.24 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 |
| 199 | " | 65 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 200 | " | 71 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 | Lost | | | | |
| 201 | " | 79 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 | 3.7 | 2.1 | 4.41 | 11.24 | 49.79 |
| 202 | " | 79 | 2.7 | 2.1 | 4.41 | 11.24 | 49.79 | 2.4 | 1.4 | 3.24 | 10.03 | 32.50 |
| 207 | 8/7/57 | 78 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 | 3.0 | 2.7 | 7.29 | 12.54 | 91.42 |
| 208 | " | 69 | 3.4 | 2.5 | 6.25 | 14.21 | 88.81 | 3.7 | 3.2 | 4.84 | 13.12 | 58.66 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209 | 5/14/59 | 63 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 210 | " | 55 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .7 | .49 | 5.43 | 2.66 |
| 211 | 5/26/59 | 67 | 1.3 | .9 | .81 | 5.43 | 4.40 | 1.2 | 1.6 | 1.00 | 5.02 | 5.02 |
| 212 | " | 66 | 1.8 | 1.3 | 1.69 | 7.52 | 12.71 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 |
| 213 | " | 67 | 1.8 | 1.2 | 1.44 | 7.52 | 10.83 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 214 | " | 61 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .8 | .64 | 5.43 | 3.47 |
| 215 | " | 65 | 1.5 | 1.1 | 1.21 | 6.27 | 7.59 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 |
| 218 | " | 70 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 2.1 | 1.5 | 2.25 | 8.78 | 17.75 |
| 219 | " | 64 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 220 | " | 70 | 1.8 | 1.4 | 1.96 | 7.52 | 14.74 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 221 | " | 65 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .8 | .61 | 5.43 | 4.40 |
| 222 | " | 63 | 1.8 | 1.5 | 2.25 | 7.52 | 15.92 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 223 | " | 63 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.3 | .8 | .61 | 5.43 | 4.40 |
| 224 | " | 63 | 2.2 | 1.8 | 3.89 | 9.20 | 26.59 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 |
| 227 | " | 64 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.1 | 1.5 | 2.25 | 8.78 | 14.75 |
| 228 | " | 62 | 1.4 | 1.2 | 1.44 | 5.85 | 8.42 | 1.6 | 1.3 | 1.69 | 6.69 | 11.31 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 230 | 8/26/59 | 80 | 3.1 | 2.0 | 4.00 | 12.96 | 51.84 | 3.0 | 2.1 | 4.41 | 12.54 | 55.30 |
| 233 | " | 78 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 3.1 | 2.7 | 7.29 | 12.96 | 94.48 |
| 235 | " | 71 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 | 2.2 | 2.1 | 4.41 | 9.20 | 40.57 |
| 237 | " | 68 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 | 1.8 | 1.5 | 2.25 | 7.94 | 17.86 |
| 238 | 8/29/59 | 68 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 240 | " | 79 | 4.1 | 3.8 | 14.44 | 17.14 | 247.50 | 4.2 | 3.8 | 14.44 | 17.56 | 253.57 |
| 244 | 9/15/59 | 75 | 2.5 | 3.2 | 4.84 | 10.45 | 50.58 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 |
| 245 | " | 70 | 2.2 | 2.0 | 4.00 | 9.20 | 36.80 | 2.2 | 1.8 | 3.24 | 9.20 | 29.81 |
| 247 | " | 74 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 | 2.0 | 1.7 | 2.89 | 8.36 | 24.16 |
| 248 | " | 68 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 | 2.1 | 1.6 | 2.56 | 8.78 | 22.48 |
| 249 | " | 78 | 3.6 | 3.2 | 10.24 | 15.05 | 154.11 | 3.1 | 3.1 | 9.61 | 12.96 | 124.55 |
| 251 | 9/28/59 9/8/57 | 75 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 | 1.8 | 1.7 | 2.89 | 7.94 | 22.95 |
| 254 | 9/28/59 " | 62 | 1.3 | .8 | .64 | 5.43 | 3.47 | 1.4 | .8 | .64 | 5.85 | 3.74 |
| 256 | 9/28/59 | 58 | 1.0 | .7 | .49 | 4.18 | 2.05 | 1.0 | .7 | .49 | 4.18 | 2.05 |
| 259 | 9/28/59 | 75 | 2.5 | 2.2 | 4.84 | 10.45 | 50.58 | 2.5 | 2.0 | 4.00 | 10.45 | 41.80 |
| 261 | 10/11/59 | 66 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.3 | 3.1 | 9.61 | 13.79 | 132.52 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 262 | 10/11/59 | 74 | 4.1 | 3.2 | 16.24 ~~10.24~~ | 17.14 | 175.57 | 4.0 | 3.5 | 12.25 | 16.72 | ~~204.82~~ |
| 263 | " | 79 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | ~~3~~ 4.6 | 4.2 | 17.64 | 19.23 | 339.22 |
| 266 | " | 65 | 3.7 | 3.7 | 13.69 | 15.47 | 211.78 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 |
| 269 | " | 74 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 | 3.7 | 3.7 | 13.69 | 15.47 | 211.78 |
| 271 | 3/14/60 | 72 | 5.3 | 4.5 | 20.25 | 22.15 | 448.54 | 4.7 | 4.0 | 16.00 | 19.65 | 314.40 |
| 272 | " | 70 | 4.2 | 4.0 | 16.00 | 17.56 | 280.96 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |
| 273 | " | 75 | 4.6 | 4.2 | 17.64 | 19.23 | 339.22 | 4.4 | 3.9 | 15.21 | 18.39 | 279.71 |
| 274 | 4/3/60 | 78 | 4.9 | 4.5 | 18.49 | 20.48 | 378.67 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 |
| 275 | 4/2/60 | 80 | 5.3 | 4.6 | 21.16 | 22.15 | 468.69 | 4.5 | 4.2 | 17.64 | 20.06 | 353.86 |
| 277 | " | 78 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.7 | 4.3 | 18.49 | 19.65 | 363.33 |
| 278 | " | 79 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 | 4.4 | 4.0 | 16.00 | 18.39 | 294.24 |
| 279 | " | 78 | 5.5 | 4.7 | 22.09 | 22.99 | 507.85 | 6.6 | 4.5 | 20.25 | 25.65 | 507.87 |
| 281 | " | 78 | 5.2 | 4.7 | 22.09 | 21.74 | 480.24 | 5.6 | 4.2 | 17.64 | 23.41 | 412.95 |
| 283 | " | 81 | 5.1 | 4.9 | 24.01 | 21.32 | 511.87 | 5.8 | 4.7 | 22.09 | 24.24 | 535.46 |
| 284 | " | 82 | 5.7 | 5.1 | 26.01 | 23.83 | 619.52 | 5.5 | 4.5 | 20.25 | 22.99 | 465.55 |
| 286 | " | 80 | 5.1 | 4.7 | 22.09 | 21.32 | 470.96 | 5.2 | 4.3 | 18.49 | 21.74 | 401.97 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 288 | 4/2/60 | 81 | 5.5 | 4.9 | 24.01 | 22.99 | 551.99 | 5.8 | 4.6 | 21.16 | 24.24 | 512.92 |
| 290 | " | 53 | 2.7 | 2.5 | 6.25 | 11.29 | 70.56 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 |
| 291 | " | 70 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 | 4.5 | 3.6 | 12.96 | 18.81 | 243.78 |
| 292 | " | 80 | 5.6 | 4.9 | 24.01 | 23.41 | 562.07 | 5.4 | 4.4 | 19.36 | 22.99 | 445.09 |
| 294 | " | 78 | 5.6 | 5.2 | 27.04 | 23.41 | 633.01 | 5.4 | 4.9 | 24.01 | 22.99 | 551.99 |
| 297 | " | 74 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.6 | 3.9 | 15.21 | 19.23 | 292.49 |
| 300 | " | 68 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 | 4.9 | 3.9 | 15.21 | 20.48 | 311.50 |
| 301 | 4/3/60 | 66 | 4.1 | 4.1 | 16.81 | 17.14 | 288.12 | 4.8 | 3.4 | 11.56 | 20.06 | 231.57 |
| 302 | " | 75 | 4.7 | 4.5 | 20.25 | 19.65 | 347.91 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 |
| 303 | " | 73 | 4.9 | 4.7 | 22.09 | 20.48 | 452.70 | 5.4 | 4.0 | 16.00 | 22.57 | 361.12 |
| 304 | " | 77 | 4.7 | 4.2 | 17.64 | 19.65 | 346.63 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 |
| 305 | " | 56 | 3.4 | 3.2 | 10.24 | 14.21 | 145.51 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 |
| 306 | " | 74 | 4.7 | 4.3 | 18.49 | 19.65 | 363.33 | 5.1 | 3.9 | 15.21 | 21.32 | 324.23 |
| 310 | 5/2/60 | 75 | 4.0 | 3.2 | 10.24 | 16.72 | 171.21 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 311 | " | 81 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 |
| 313 | 6/1/60 | 62 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 | 3.3 | 2.3 | 5.29 | 13.79 | 72.95 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 315 | 7/14/60 | 78 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.2 | 1.7 | 3.59 | 9.20 | 26.59 |
| 316 | " | 81 | 3.7 | 1.9 | 3.61 | 11.29 | 40.76 | 2.7 | 2.1 | 4.41 | 11.29 | 49.79 |
| 318 | 7/26/60 | 67 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 |
| 322 | 9/25/60 | 74 | 3.3 | 2.6 | 6.76 | 13.79 | 93.22 | 3.5 | 2.6 | 6.76 | 13.79 | 93.22 |
| 323 | 11/1/60 | 73 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 | 3.9 | 2.4 | 5.76 | 16.30 | 93.89 |
| 326 | 11/24/60 | 75 | 5.2 | 4.3 | 18.49 | 21.74 | 401.97 | 5.5 | 4.0 | 16.00 | 22.97 | 367.54 |
| 327 | " | 73 | 5.3 | 5.0 | 25.00 | 22.15 | 553.75 | 5.8 | 4.9 | 24.01 | 24.24 | 582.00 |
| 328 | " | 75 | 4.9 | 4.6 | 21.16 | 20.48 | 433.37 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 |
| 329 | 1/18/61 | 66 | 5.2 | 2.4 | 5.41 | 13.33 | 112.53 | 3.3 | 3.0 | 9.00 | 13.79 | 124.11 |
| 330 | 2/12/61 | 73 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 |
| 331 | " | 82 | 4.1 | 4.3 | 18.49 | 19.23 | 355.56 | 4.5 | 4.2 | 17.64 | 18.81 | 331.81 |
| 332 | " | 78 | 4.5 | 3.4 | 11.56 | 20.48 | 236.75 | 3.8 | 3.7 | 13.69 | 15.66 | 217.40 |
| 333 | " | 73 | 4.9 | 4.2 | 17.64 | 20.48 | 361.27 | 4.9 | 4.2 | 17.64 | 20.48 | 361.27 |
| 334 | " | 80 | 4.1 | 4.1 | 16.81 | 19.23 | 323.26 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 |
| 335 | " | 78 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 | 5.0 | 4.1 | 16.81 | 20.90 | 351.33 |
| 337 | 10/1/60 | 85 | 5.5 | 4.6 | 21.16 | 22.99 | 486.47 | 5.2 | 4.0 | 16.00 | 21.74 | 347.84 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 338 | 10/1960 | 68 | 4.2 | 3.1 | 13.69 | 17.56 | 240.40 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 339 | " | 54 | 2.7 | 2.5 | 6.25 | 12.12 | 75.75 | 3.0 | 2.4 | 5.76 | 12.54 | 72.23 |
| 341 | " | 65 | 3.4 | 3.2 | 10.24 | 14.21 | 145.51 | 4.4 | 3.4 | 11.56 | 18.39 | 212.59 |
| 343 | " | 57 | 1.7 | 1.4 | 1.96 | 7.11 | 13.94 FIX | 1.8 | 1.5 | 2.25 | 7.52 | 16.92 FIX |
| 344 | 2/18/61 | 67 | 3.6 | 3.4 | 11.56 | 15.05 | 173.98 | 3.0 | 2.9 | 8.41 | 12.54 | 105.46 |
| 345 | " | 81 | 4.8 | 4.6 | 21.16 | 20.06 | 424.47 | 4.6 | 4.1 | 16.81 | 19.23 | 323.26 |
| 347 | 2/21/61 | 54 | 1.8 | 1.4 | 3.56 | 7.52 | 19.25 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 348 | 2/25/61 | 75 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 |
| 349 | " | 68 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 3.5 | 3.1 | 9.61 | 14.63 | 146.54 |
| 350 | " | 76 | 4.7 | 4.0 | 16.00 | 19.65 | 314.40 | 4.5 | 3.6 | 12.96 | 18.81 | 243.73 |
| 351 | " | 77 | 4.7 | 4.1 | 16.81 | 19.65 | 330.32 | 4.7 | 3.8 | 14.41 | 19.65 | 283.17 |
| 352 | " | 76 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.6 | 3.6 | 12.96 | 19.23 | 249.22 |
| 353 | " | 79 | 5.8 | 4.3 | 18.49 | 24.24 | 448.20 | 6.4 | 4.6 | 21.16 | 26.75 | 566.03 |
| 354 | " | 68 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |
| 362 | " | 60 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 |
| 363 | " | 56 | 3.8 | 2.5 | 6.25 | 11.70 | 73.12 | 3.0 | 2.4 | 5.76 | 12.54 | 72.23 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 364 | 2/25/61 | 69 | 4.8 | 4.0 | 16.00 | 20.06 | 320.96 | 4.7 | 3.7 | 13.69 | 19.65 | 269.01 |
| 365 | 3/5/61 | 66 | 3.7 | 3.2 | 10.24 | ~~13.67~~ 15.47 | 158.41 | 4.0 | 3.6 | 9.00 | 16.72 | 150.48 |
| 366 | " | 80 | 5.2 | 4.9 | 24.01 | ~~27.04~~ 21.74 | 521.95 | 5.5 | 4.2 | 17.64 | 22.99 | 405.54 |
| 368 | 3/8/61 | 70 | 4.9 | 3.9 | 15.21 | ~~24.01~~ 20.48 | 311.50 | 4.7 | 4.0 | 16.00 | 18.39 | 274.24 |
| 373 | " | 65 | 3.7 | 3.4 | 11.56 | ~~12.69~~ 15.47 | 178.83 | 4.6 | 3.4 | 11.56 | 16.72 | 193.28 |
| 374 | 3/13/61 | 65 | 4.3 | 4.1 | 16.81 | ~~18.44~~ 17.97 | 302.08 | 4.2 | 3.3 | 10.89 | 17.56 | 191.23 |
| 375 | 3/11/61 | 67 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 377 | " | 67 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 3.8 | 3.4 | 11.56 | 15.88 | 183.57 |
| 378 | " | 69 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.0 | 3.7 | 13.69 | 16.72 | 228.70 |
| 379 | " | 77 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 | 4.9 | 3.6 | 12.96 | 20.48 | 265.42 |
| 381 | 3/13/61 | 76 | 5.0 | 4.2 | 17.64 | 20.90 | 368.68 | 5.1 | 4.1 | 16.81 | 21.32 | 358.39 |
| 384 | " | 74 | 5.4 | 4.3 | 18.49 | 22.57 | 417.32 | 5.8 | 5.1 | 26.01 | 24.24 | 630.48 |
| 386 | " | 74 | 4.8 | 4.3 | 18.49 | 20.48 | 378.67 | 4.9 | 4.6 | 21.16 | 20.48 | 433.36 |
| 387 | " | 74 | 4.8 | 4.2 | 17.64 | 20.06 | 353.86 | 4.8 | 4.5 | 20.25 | 17.65 | 347.71 |
| 388 | " | 69 | 4.1 | 3.2 | 13.69 | 17.14 | 234.65 | 3.9 | 3.4 | 11.56 | 16.30 | 188.73 |
| 389 | " | 63 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 | 3.2 | 2.8 | 7.84 | 13.38 | 104.90 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 391 | 3/13/61 | 72 | 3.8 | 3.4 | 11.56 | 15.85 | 183.57 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 |
| 392 | 3/15/61 | 68 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 |
| 394 | " | 71 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 |
| 395 | " | 78 | 4.8 | 4.1 | 16.81 | 20.06 | 537.21 | 4.9 | 4.2 | 17.64 | 20.48 | 361.27 |
| 397 | " | 66 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 | 4.5 | 3.6 | 12.96 | 18.81 | 243.78 |
| 398 | " | 61 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 |
| 399 | " | 69 | 3.6 | 3.4 | 11.56 | 15.05 | 173.98 | 3.7 | 3.4 | 11.56 | 14.21 | 164.27 |
| 402 | 3/21/61 | 72 | 4.2 | 3.6 | 12.96 | 17.56 | 227.58 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 |
| 403 | " | 72 | 4.2 | 4.1 | 16.81 | 17.56 | 295.18 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 |
| 404 | " | 58 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 | 2.8 | 2.5 | 6.25 | 11.70 | 73.12 |
| 406 | " | 65 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 | 3.2 | 3.1 | 9.61 | 13.38 | 128.38 |
| 407 | " | 68 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.4 | 3.2 | 10.24 | 14.21 | 145.31 |
| 408 | " | 61 | 3.5 | 3.2 | 10.24 | 14.63 | 149.81 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 |
| 409 | " | 78 | 5.4 | 4.5 | 20.25 | 22.57 | 457.04 | 5.0 | 4.2 | 17.64 | 20.90 | 368.68 |
| 410 | 3/23/61 | 67 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 411 | " | 73 | 4.9 | 4.2 | 17.64 | 20.48 | 361.27 | 4.0 | 3.5 | 11.56 | 16.72 | 193.28 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 412 | 3/23/61 | 75 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 |
| 415 | " | 78 | 4.9 | 4.3 | 18.49 | 20.48 | 378.67 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 |
| 417 | " | 76 | 4.4 | 4.1 | 16.81 | 18.39 | 309.14 | 4.3 | 4.3 | 18.49 | 17.97 | 332.26 |
| 418 | 3/29/61 | 83 | 5.2 | 4.2 | 17.64 | 21.74 | 383.49 | 5.3 | 4.3 | 18.49 | 22.15 | 409.55 |
| 419 | " | 75 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 420 | " | 65 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 421 | " | 68 | 3.2 | 3.8 | 7.84 | 13.38 | 104.90 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 |
| 422 | " | 60 | 3.0 | 3.3 | 7.84 | 12.54 | 98.31 | 3.0 | 2.5 | 6.25 | 13.54 | 78.37 |
| 427 | 4/1/61 | 65 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 | 4.1 | 3.4 | 11.56 | 17.14 | 198.14 |
| 428 | " | 71 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.1 | 4.0 | 16.00 | 17.14 | 274.24 |
| 429 | " | 69 | 4.7 | 4.0 | 16.00 | 19.65 | 314.40 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 |
| 430 | " | 61 | 3.4 | 3.3 | 7.84 | 14.21 | 111.41 | 3.1 | 2.7 | 7.29 | 12.96 | 94.48 |
| 431 | " | 72 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 |
| 432 | " | 59 | 1.6 | 1.6 | 2.56 | 6.69 | 17.13 | 1.5 | 1.3 | 1.69 | 6.27 | 10.60 |
| 437 | " | 41 | 0.9 | 0.4 | .16 | 3.76 | 1.6 | 0.9 | 0.5 | .25 | 3.76 | .94 |
| 438 | " | 50 | 1.0 | 0.8 | .64 | 4.18 | 2.67 | 1.2 | 0.9 | .81 | 5.02 | 4.02 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 4/11/61 | 73 | 4.3 | 3.8 | 14.44 | 17.97 | 259.49 | 4.1 | 4.0 | 16.00 | 17.14 | 274.24 |
| 442 | " | 78 | 4.5 | 3.8 | 14.44 | 18.81 | 271.62 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 |
| 443 | " | 65 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 444 | " | 78 | 4.3 | 4.1 | 16.81 | 17.97 | 302.05 | 4.3 | 3.6 | 12.96 | 17.97 | 232.84 |
| 446 | 4/27/61 | 71 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 |
| 447 | " | 74 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 448 | " | 52 | 1.0 | 0.6 | .36 | 4.18 | 1.50 | 1.3 | 0.7 | .49 | 5.43 | 2.66 |
| 449 | " | 70 | 3.5 | 3.3 | 10.89 | 14.63 | 159.32 | 3.4 | 3.2 | 10.24 | 14.21 | 145.51 |
| 450 | 4/27/61 | 65 | 3.5 | 3.2 | 10.24 | 14.63 | 149.81 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 |
| 452 | " | 67 | 3.6 | 3.5 | 12.25 | 15.05 | 184.36 | 3.8 | 3.1 | 9.61 | 15.88 | 152.61 |
| 454 | 5/12/61 | 72 | 3.5 | 3.1 | 9.61 | 14.63 | 140.59 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 455 | 5/16/61 | 65 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 | 2.0 | 1.6 | 2.56 | 8.36 | 21.40 |
| 460 | 5/21/61 | 70 | 4.4 | 3.7 | 13.69 | 18.39 | 251.76 | 4.2 | 3.3 | 10.89 | 17.56 | 191.23 |
| 461 | " | 81 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 | 4.4 | 3.9 | 15.21 | 18.39 | 279.71 |
| 462 | " | 87 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 | 3.7 | 3.6 | 12.96 | 15.47 | 200.49 |
| 464 | " | 80 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 465 | 5/21/61 | 82 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 | 3.7 | 2.8 | 7.84 | 14.21 | 111.41 |
| 466 | " | 55 | 4.5 | 4.3 | 18.49 | 18.81 | 347.80 | 3.8 | 3.6 | 12.96 | 15.88 | 205.80 |
| 468 | " | 83 | 4.8 | 4.5 | 23.04 | 20.06 | 462.18 | 4.4 | 4.2 | 17.64 | 18.39 | 324.46 |
| 471 | " | 81 | 4.9 | 4.0 | 16.00 | 20.48 | 327.68 | 4.6 | 3.8 | 14.44 | 19.23 | 277.68 |
| 477 | " | 85 | 4.7 | 3.8 | 14.44 | 19.65 | 283.75 | 4.3 | 3.3 | 10.89 | 17.97 | 195.69 |
| 478 | " | 56 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.1 | 3.9 | 15.21 | 17.14 | 260.70 |
| 485 | " | 76 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 484 | " | 73 | 4.2 | 3.5 | 14.44 | 17.56 | 253.57 | 4.3 | 3.9 | 15.21 | 17.97 | 273.32 |
| 485 | " | 80 | 4.2 | 3.6 | 12.96 | 17.56 | 227.58 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 |
| 486 | " | 85 | 4.1 | 3.8 | 14.44 | 17.14 | 247.50 | 4.5 | 3.4 | 11.56 | 18.81 | 217.44 |
| 487 | " | 83 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 |
| 458 | " | 82 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 3.8 | 3.6 | 12.96 | 15.88 | 205.80 |
| 491 | 5/25/61 | 75 | 3.4 | 3.1 | 9.61 | 14.21 | 136.56 | 3.3 | 3.1 | 9.61 | 13.79 | 132.52 |
| 492 | " | 66 | 2.4 | 2.2 | 4.84 | 10.03 | 48.54 | 2.3 | 2.1 | 4.41 | 9.61 | 42.35 |
| 493 | 6/21/61 | 60 | 1.3 | 1.1 | 1.21 | 5.43 | 6.57 | 1.6 | 0.7 | .81 | 6.69 | 5.42 |
| 494 | 6/24/61 | 73 | 1.8 | 1.1 | 1.21 | 7.57 | 9.10 | 1.7 | 1.3 | 1.69 | 7.11 | 12.02 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 497 | 4/25/61 | 66 | 1.6 | 1.2 | 1.44 | 6.69 | 9.63 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 |
| 498 | " | 77 | 3.5 | 1.6 | 2.56 | 10.45 | 26.75 | 2.4 | 1.9 | 3.61 | 10.05 | 36.21 |
| 499 | " | 79 | 3.0 | 2.5 | 6.25 | 12.54 | 78.37 | 3.8 | 2.2 | 4.84 | 11.72 | 56.63 |
| 501 | 9/26/61 | 72 | 2.6 | 2.2 | 4.84 | 10.87 | 52.61 | 2.3 | 1.9 | 3.61 | 9.61 | 34.69 |
| 504 | 3/28/62 | 68 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 |
| 505 | 4/21/62 | 81 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 | 4.8 | 4.3 | 18.49 | 20.06 | 370.91 |
| 506 | " | 74 | 4.7 | 4.3 | 18.49 | 19.65 | 363.33 | 4.9 | 4.5 | 20.25 | 20.48 | 414.72 |
| 507 | " | 69 | 4.2 | 3.5 | 12.25 | 17.56 | 215.11 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 |
| 508 | " | 78 | 5.1 | 4.0 | 16.00 | 21.32 | 341.12 | 5.0 | 4.3 | 18.49 | 20.90 | 386.44 |
| 509 | " | 75 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 | 5.0 | 3.5 | 12.25 | 20.90 | 256.02 |
| 510 | " | 85 | 4.9 | 4.8 | 23.04 | 20.48 | 471.86 | 5.0 | 4.5 | 20.25 | 20.90 | 423.22 |
| 511 | " | 82 | 4.7 | 4.1 | 16.81 | 19.65 | 330.32 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 |
| 513 | 4/30/62 | 81 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 | 4.5 | 4.3 | 18.49 | 18.81 | 347.80 |
| 514 | " | 80 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 518 | 5/1/62 | 80 | 4.5 | 3.9 | 15.21 | 18.81 | 286.10 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 |
| 519 | " | 83 | 4.6 | 4.4 | 19.36 | 19.23 | 372.29 | 4.5 | 4.1 | 16.81 | 18.81 | 316.20 |

Species SCELOPORUS OCCIDENTALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 520 | 5/1/62 | 76 | 4.3 | 3.9 | 15.21 | 17.97 | 273,32 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 |
| 524 | " | 80 | 5.0 | 4.2 | 17.64 | 20.90 | 368.68 | 4.8 | 4.0 | 16.00 | 20.06 | 320.96 |
| 525 | " | 73 | 4.5 | 4.1 | 16.81 | 18.81 | 316,20 | 4.1 | 4.1 | 16.81 | 17.14 | 288,12 |
| 529 | " | 75 | 4.5 | 4.1 | 16.81 | 18.81 | 316,20 | 4.5 | 3.9 | 15.21 | 18.81 | 286,10 |
| 530 | " | 75 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 |
| 531 | " | 77 | 4.9 | 4.9 | 24.01 | 20.48 | 491.72 | 4.8 | 4.4 | 19.36 | 20.06 | 388.36 |
| 532 | " | 79 | 4.7 | 4.5 | 20.25 | 19.65 | 397.91 | 5.2 | 3.9 | 15.21 | 21.74 | 330.66 |
| 533 | " | 79 | 4.5 | 4.3 | 18.49 | 18.81 | 347.80 | 4.3 | 4.0 | 16.00 | 17.97 | 287.52 |
| 534 | " | 78 | 4.5 | 4.0 | 16.00 | 18.81 | 300.96 | 4.6 | 4.3 | 18.49 | 19.23 | 355.56 |
| 535 | " | 76 | 4.9 | 4.5 | 20.25 | 20.48 | 414.72 | 5.4 | 4.5 | 20.25 | 22.57 | 457.04 |
| 537 | " | 72 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.6 | 4.3 | 18.49 | 19.23 | 355.56 |
| 539 | " | 80 | 5.0 | 4.5 | 20.25 | 20.90 | 423,22 | 4.4 | 4.3 | 18.49 | 18.39 | 340,03 |
| 540 | " | 77 | 4.1 | 3.7 | 13.69 | 17.14 | 234,65 | 4.7 | 4.1 | 16.81 | 19.65 | 330,32 |
| 541 | " | 67 | 4.0 | 3.8 | 14.44 | 16.72 | 241.44 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 |
| 542 | " | 78 | 4.9 | 4.3 | 18.49 | 20.48 | 378.68 | 5.0 | 4.3 | 18.49 | 20.90 | 386.44 |
| 543 | " | 75 | 5.0 | 4.3 | 18.49 | 20.90 | 386.44 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 |

Species SCELOPORUS OCCIDENTALIS

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 544 | 5/1/62 | 80 | 4.8 | 3.9 | 15.21 | 20.06 | 305.11 | 5.1 | 3.7 | 13.69 | 21.32 | 291.87 |
| 545 | " | 76 | 4.6 | 4.0 | 16.00 | 19.23 | 307.68 | 4.2 | 3.7 | 13.69 | 17.56 | 240.40 |
| 546 | " | 77 | 4.5 | 4.4 | 19.36 | 18.81 | 364.16 | 4.9 | 3.8 | 14.44 | 20.48 | 295.73 |
| 547 | 5/4/62 | 80 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 | 4.5 | 3.5 | 12.25 | 18.81 | 230.42 |
| 548 | " | 71 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 4.3 | 3.6 | 12.96 | 17.97 | 232.89 |
| 550 | " | 68 | 3.6 | 3.3 | 10.89 | 15.05 | 163.89 | 3.9 | 3.5 | 12.25 | 16.30 | 199.68 |
| 551 | " | 70 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 552 | " | 73 | 3.8 | 3.6 | 12.96 | 15.88 | 205.80 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 |
| 553 | " | 68 | 3.5 | 3.3 | 10.89 | 14.63 | 159.32 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 |
| 554 | " | 70 | 3.7 | 3.5 | 12.25 | 15.47 | 189.51 | 3.8 | 3.2 | 10.24 | 15.88 | 162.61 |
| 555 | " | 64 | 3.4 | 3.2 | 10.24 | 14.21 | 145.51 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 559 | 5/18/62 | 77 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 4.5 | 3.7 | 13.69 | 18.81 | 257.51 |
| 560 | " | 75 | 4.0 | 3.2 | 10.24 | 16.72 | 171.21 | 4.1 | 3.8 | 14.44 | 17.14 | 247.50 |
| 561 | " | 80 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.6 | 3.9 | 15.21 | 19.23 | 292.49 |
| 562 | " | 83 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 | 4.2 | 4.2 | 17.64 | 17.56 | 309.76 |
| 563 | 5/20/62 | 72 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.2 | 3.4 | 11.56 | 17.56 | 202.99 |

Species SCELOPORUS OCCIDENTALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 564 | 5/20/62 | 74 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 |
| 565 | " | 81 | 4.2 | 3.9 | 15.21 | 17.56 | 267.09 | 4.2 | 3.5 | 12.25 | 17.56 | 215.11 |
| 567 | " | 80 | 4.0 | 3.6 | 12.96 | 16.72 | 216.69 | 4.2 | 3.6 | 12.96 | 17.56 | 227.58 |
| 568 | " | 77 | 4.0 | 3.5 | 12.25 | 16.72 | 204.82 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 569 | 6/3/62 | 78 | 4.4 | 4.0 | 16.00 | 18.39 | 294.24 | 4.0 | 3.9 | 15.21 | 16.72 | 254.31 |
| 571 | 6/16/62 | 65 | 3.3 | 2.9 | 8.41 | 13.79 | 115.97 | 3.6 | 3.0 | 9.00 | 15.05 | 135.45 |
| 572 | " | 59 | 1.4 | 1.1 | 1.21 | 5.85 | 7.08 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 573 | " | 78 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 |
| 574 | " | 69 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 | 2.7 | 2.2 | 4.84 | 11.29 | 54.64 |
| 576 | " | 69 | 2.5 | 2.1 | 4.41 | 10.45 | 46.08 | 2.4 | 2.0 | 4.00 | 10.03 | 40.12 |
| 579 | " | 70 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 |
| 582 | 6/17/62 | 73 | 3.4 | 2.7 | 7.29 | 14.21 | 103.59 | 3.8 | 3.0 | 9.00 | 15.88 | 142.92 |
| 583 | 6/24/62 | 80 | 3.2 | 3.0 | 9.00 | 13.38 | 120.42 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 |
| 585 | 6/26/62 | 71 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 | 3.1 | 2.4 | 5.76 | 12.96 | 74.65 |
| 586 | 6/27/62 | 76 | 2.9 | 2.2 | 4.84 | 12.12 | 58.66 | 2.4 | 2.3 | 5.29 | 10.03 | 53.06 |
| 587 | " | 64 | 2.0 | 1.4 | 1.96 | 8.36 | 16.38 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |

Species SCELOPORUS OCCIDENTALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 588 | 6/27/62 | 75 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.2 | 3.1 | 9.61 | 13.38 | 128.58 |
| 590 | " | 73 | 3.6 | 3.6 | 12.96 | 15.05 | 195.05 | 3.7 | 3.7 | 13.69 | 15.47 | 211.78 |
| 591 | " | 74 | 3.7 | 3.2 | 10.24 | 15.47 | 158.41 | 3.8 | 3.0 | 9.00 | 15.88 | 142.92 |
| 592 | " | 84 | 3.6 | 3.1 | 9.61 | 15.05 | 144.63 | 3.9 | 3.6 | 12.96 | 16.30 | 211.25 |
| 593 | 6/29/62 | 74 | 3.3 | 2.8 | 7.84 | 13.79 | 108.11 | 3.1 | 2.7 | 7.29 | 12.96 | 94.48 |
| 594 | " | 75 | 3.4 | 3.0 | 9.00 | 14.21 | 127.89 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 596 | " | 74 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |
| 597 | " | 74 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 |
| 598 | " | 75 | 2.8 | 2.2 | 4.84 | 11.70 | 56.63 | 2.7 | 2.1 | 4.41 | 11.29 | 49.79 |
| 600 | " | 68 | 3.1 | 2.8 | 7.84 | 12.96 | 101.61 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 |
| 601 | " | 72 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 | 3.2 | 2.6 | 6.76 | 13.38 | 90.45 |
| 603 | " | 64 | 3.0 | 2.7 | 7.29 | 12.54 | 91.42 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 |
| 605 | " | 78 | 3.6 | 3.2 | 10.24 | 15.05 | 154.11 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 607 | 7/25/62 | 78 | 2.2 | 2.1 | 4.41 | 9.20 | 40.57 | 1.9 | 1.8 | 3.24 | 7.94 | 25.73 |
| 608 | " | 79 | 2.2 | 1.7 | 2.89 | 9.20 | 26.59 | 1.9 | 1.8 | 3.24 | 7.94 | 25.73 |
| 609 | 4/10/63 | 65 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 3.9 | 2.9 | 8.41 | 16.30 | 137.08 |

Species SCELOPORUS OCCIDENTALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 610 | 4/10/63 | 75 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 | 3.7 | 3.6 | 12.96 | 15.47 | 200.49 |
| 611 | 4/24/63 | 68 | 4.6 | 3.7 | 13.69 | 19.23 | 263.26 | 4.8 | 3.9 | 15.21 | 20.06 | 305.11 |
| 612 | " | 78 | 4.8 | 4.0 | 16.00 | 20.06 | 320.96 | 5.2 | 4.3 | 18.49 | 21.74 | 401.97 |
| 613 | " | 75 | 4.7 | 4.7 | 22.09 | 19.65 | 434.07 | 4.8 | 4.5 | 20.25 | 20.06 | 406.22 |
| 614 | 4/25/63 | 77 | 4.3 | 4.1 | 16.81 | 17.97 | 302.08 | 4.4 | 4.1 | 16.81 | 18.39 | 309.14 |
| 616 | 5/20/63 | 77 | 4.9 | 4.1 | 16.81 | 20.48 | 344.27 | 4.8 | 4.3 | 18.49 | 20.06 | 370.91 |
| 617 | " | 80 | 4.9 | 3.8 | 14.44 | 20.48 | 295.73 | 4.1 | 3.7 | 13.69 | 17.14 | 234.65 |
| 618 | 5/18/63 | 81 | 4.5 | 4.3 | 18.49 | 18.81 | 347.80 | 4.4 | 3.9 | 15.21 | 18.39 | 279.71 |
| 620 | 6/5/63 | 80 | 3.7 | 3.4 | 11.56 | 15.47 | 178.83 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 625 | 7/15/63 | 82 | 2.1 | 1.5 | 2.25 | 8.78 | 19.76 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 626 | 7/16/63 | 80 | 3.0 | 2.6 | 6.76 | 12.54 | 84.77 | 2.8 | 2.5 | 6.25 | 11.70 | 73.13 |
| 627 | 7/18/63 | 75 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 |
| 628 | " | 82 | 2.0 | 1.7 | 2.89 | 8.36 | 24.16 | 2.1 | 2.0 | 4.00 | 8.78 | 35.12 |
| 632 | 8/11/63 | 61 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 633 | 8/13/63 | 60 | 1.4 | 1.1 | 1.21 | 5.85 | 7.08 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 639 | " | 78 | 2.6 | 2.4 | 5.76 | 10.87 | 62.61 | 2.5 | 2.3 | 5.29 | 10.45 | 55.28 |

Species SCELOPORUS OCCIDENTALIS

| Tag No | Date of Capture | S-V length (mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol. ($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol. ($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 640 | 8/13/63 | 61 | 1.3 | 1.2 | 1.44 | 5.43 | 7.82 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 641 | 2/24/64 | 78 | 4.9 | 4.1 | 16.81 | 20.48 | | 5.2 | 4.6 | 21.16 | 21.74 | |
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Scleroparus arcuatus

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Sceloporus occult.

Species Sceloporus orcutti

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 8/8/58 | 107 | 2.0 | 1.3 | 1.69 | 8.36 | 14.13 | 2.0 | 1.2 | 1.44 | 8.36 | 12.04 |
| 5 | 8/21/58 | 106 | 2.0 | 1.1 | 1.21 | 8.36 | 10.12 | 2.3 | 1.2 | 1.44 | 9.61 | 13.84 |
| 6 | " | 109 | 2.2 | 1.1 | 1.21 | 9.20 | 11.13 | 1.6 | 1.4 | 1.96 | 6.69 | 13.11 |
| 7 | " | 90 | 1.6 | 1.0 | 1.00 | 6.69 | 6.70 | 1.5 | 1.4 | 1.96 | 6.27 | 12.29 |
| 10 | 9/12/58 | 83 | 1.4 | 0.9 | 0.81 | 5.85 | 4.74 | 1.2 | 0.8 | 0.64 | 5.02 | 3.21 |
| 11 | " | 104 | 3.0 | 1.5 | 2.25 | 12.54 | 28.22 | 2.0 | 2.1 | 4.41 | 8.36 | 36.87 |
| 12 | " | 106 | 2.7 | 1.6 | 2.56 | 11.29 | 28.90 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 |
| 13 | 9/27/58 | 80 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 | 1.3 | 0.9 | 0.81 | 5.43 | 4.40 |
| 15 | 1/17/59 | 92 | 2.5 | 2.3 | 5.29 | 10.45 | 55.28 | 2.7 | 2.0 | 4.00 | 11.29 | 45.16 |
| 16 | " | 92 | 3.0 | 2.5 | 6.25 | 12.54 | 78.38 | 3.5 | 2.5 | 6.25 | 14.63 | 91.31 |
| 19 | 3/3/59 | 106 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 |
| 21 | 4/11/59 | 99 | 3.5 | 2.7 | 7.29 | 14.63 | 106.65 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 |
| 22 | " | 101 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 | 3.1 | 2.5 | 6.25 | 12.96 | 81.00 |
| 23 | 5/29/59 | 110 | 4.0 | 2.6 | 6.76 | 16.72 | 113.03 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 |
| 24 | " | 101 | 4.5 | 3.0 | 9.00 | 18.81 | 169.29 | 4.1 | 3.2 | 10.24 | 17.14 | 175.51 |
| 25 | " | 111 | 4.5 | 3.1 | 9.61 | 18.81 | 180.76 | 4.1 | 2.8 | 7.84 | 17.14 | 134.34 |

Species Sceloporus orcutti

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29 | 6/24/59 | 92 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 |
| 30 | " | 93 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 |
| 31 | " | 58 | 0.8 | 0.6 | 0.36 | 3.34 | 1.20 | 0.7 | 0.6 | 0.36 | 2.93 | 1.05 |
| 34 | 7/7/59 | 110 | 4.0 | 3.7 | 13.69 | 16.72 | 228.90 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 |
| 35 | " | 96 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 | 3.9 | 3.2 | 10.24 | 16.30 | 166.91 |
| 36 | " | 94 | 3.6 | 2.7 | 7.29 | 15.05 | 109.71 | 3.4 | 3.0 | 9.00 | 14.21 | 127.87 |
| 37 | " | 61 | 0.7 | 0.5 | 0.25 | 2.93 | 0.73 | 0.7 | 0.5 | 0.25 | 2.93 | 0.73 |
| 38 | 7/9/59 | 101 | 3.6 | 2.8 | 7.84 | 15.05 | 118.00 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 |
| 39 | " | 90 | 3.2 | 2.3 | 5.29 | 13.38 | 70.78 | 3.2 | 2.2 | 4.84 | 13.38 | 64.76 |
| 40 | " | 77 | 1.5 | 0.8 | 0.64 | 6.27 | 4.01 | 1.5 | 0.9 | 0.81 | 6.27 | 5.03 |
| 41 | " | 73 | 1.6 | 0.7 | 0.49 | 6.69 | 3.28 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 |
| 42 | " | 66 | 0.8 | 0.6 | 0.36 | 3.34 | 1.20 | 0.8 | 0.6 | 0.36 | 3.34 | 1.20 |
| 43 | " | 70 | 0.7 | 0.6 | 0.36 | 2.93 | 1.05 | 0.8 | 0.6 | 0.36 | 3.34 | 1.20 |
| 44 | " | 65 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 |
| 45 | " | 90 | 3.0 | 2.3 | 5.29 | 12.54 | 66.34 | 2.9 | 2.4 | 5.76 | 12.12 | 64.21 |
| 51 | 7/15/59 | 114 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 | 4.0 | 3.3 | 10.89 | 16.72 | 182.49 |

Species Sceloporus orcutti

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55 | 7/15/59 | 110 | 4.6 | 3.1 | 9.61 | 19.23 | 184.80 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 |
| 56 | " | 107 | 3.9 | 2.8 | 7.84 | 16.30 | 127.79 | 3.7 | 3.0 | 9.00 | 15.47 | 139.23 |
| 57 | " | 99 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 | 3.7 | 2.9 | 8.41 | 15.47 | 130.10 |
| 59 | " | 111 | 4.0 | 3.3 | 10.89 | 16.72 | 182.08 | 3.7 | 3.3 | 10.89 | 15.47 | 168.47 |
| 61 | " | 80 | 1.2 | 0.9 | 0.81 | 5.02 | 4.07 | 1.6 | 0.9 | 0.81 | 6.69 | 5.42 |
| 62 | " | 104 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 | 4.2 | 3.1 | 9.61 | 17.56 | 168.75 |
| 63 | " | 87 | 1.8 | 1.5 | 2.25 | 7.52 | 16.92 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 |
| 66 | 8/21/58 | (captive) 81 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.4 | 1.0 | 1.00 | 5.85 | 5.85 |
| 67 | 8/5/59 | 107 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.6 | 2.3 | 5.29 | 10.87 | 57.50 |
| 68 | " | 112 | 3.3 | 2.3 | 5.29 | 13.79 | 72.95 | 3.1 | 2.2 | 4.84 | 12.96 | 62.75 |
| 69 | " | 70 | 1.2 | 0.6 | 0.36 | 5.02 | 1.81 | 1.1 | 0.5 | 0.25 | 4.60 | 1.15 |
| 70 | " | 106 | 3.6 | 2.3 | 5.29 | 15.05 | 79.61 | 4.0 | 2.8 | 7.84 | 16.72 | 131.68 |
| 71 | " | 93 | 2.6 | 1.9 | 3.61 | 10.89 | 39.31 | 2.6 | 2.0 | 4.00 | 10.87 | 43.48 |
| 72 | " | 102 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.9 | 1.8 | 3.24 | 12.12 | 39.27 |
| 74 | 8/12/59 | 109 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 | 2.5 | 1.8 | 3.24 | 10.45 | 33.86 |
| 75 | " | 61 | 0.6 | 0.4 | 0.16 | 2.51 | 0.40 | 0.6 | 0.5 | 0.25 | 2.51 | 0.63 |

Species Sceloporus orcutti

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | b | $b^2$ | 4.18a | Vol.($mm^3$) | Right Testis a | b | $b^2$ | 4.18a | Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | 8/12/59 | 100 | 2.5 | 1.5 | 2.25 | 10.45 | 23.51 | 2.4 | 1.8 | 3.24 | 7.52 | 24.36 |
| 79 | " | 106 | 2.5 | 1.7 | 2.89 | 10.45 | 30.20 | 2.4 | 1.9 | 3.61 | 7.94 | 28.66 |
| 81 | " | 95 | 2.6 | 1.8 | 3.24 | 10.89 | 35.28 | 2.6 | 1.8 | 3.24 | 7.52 | 24.36 |
| 82 | " | 71 | 1.0 | 0.6 | 0.36 | 4.18 | 1.50 | 0.8 | 0.7 | 0.49 | 2.93 | 1.47 |
| 87 | 8/6/59 | 72 | 1.1 | 0.5 | 0.25 | 4.60 | 1.15 | 1.0 | 0.5 | 0.25 | 2.09 | 0.52 |
| 88 | " | 70 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.1 | 0.5 | 0.25 | 2.09 | 0.52 |
| 89 | " | 63 | 0.9 | 0.7 | 0.49 | 3.76 | 1.84 | 1.0 | 0.6 | 0.36 | 2.51 | 0.90 |
| 90 | " | 101 | 2.3 | 1.7 | 2.89 | 9.61 | 27.77 | 2.4 | 1.7 | 2.89 | 7.11 | 20.55 |
| 91 | 3/14/60 | 101 | 5.5 | 4.0 | 16.00 | 23.00 | 368.00 | 4.9 | 3.6 | 12.96 | ~~15.05~~ 20.48 | 265.42 ~~175.05~~ |
| 93 | " | 112 | 5.4 | 4.1 | 16.81 | 22.57 | 379.40 | 5.5 | 4.2 | 17.64 | 17.56 | 309.76 |
| 94 | " | 99 | 3.4 | 2.8 | 7.84 | 14.21 | 111.41 | 3.5 | 2.9 | 8.41 | 12.12 | 101.93 |
| 97 | 4/3/60 | 100 | 5.2 | 4.5 | 20.25 | 21.74 | 440.24 | 5.4 | 4.5 | 20.25 | 22.57 | 457.04 |
| 98 | " | 82 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 | 2.0 | 1.5 | 2.25 | 8.36 | 18.81 |
| 100 | " | 105 | 5.3 | 4.2 | 17.64 | 22.15 | 390.73 | 4.7 | 4.0 | 16.00 | 19.65 | 314.46 |
| 104 | 1/17/61 | 107 | 3.2 | 2.4 | 5.76 | 13.38 | 77.07 | 3.4 | 2.9 | 8.41 | 14.21 | 119.57 |
| 107 | 1/31/61 | 81 | 1.9 | 1.3 | 1.69 | 7.94 | 13.42 | 2.1 | 1.5 | 2.25 | 8.78 | 19.75 |

Species Sceloporus orcutti

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 1/31/61 | 104 | 2.9 | 1.9 | 3.61 | 12.12 | 43.75 | 3.1 | 2.1 | 4.41 | 12.96 | 57.15 |
| 109 | " | 114 | 4.0 | 2.7 | 7.29 | 16.72 | 121.89 | 3.7 | 3.0 | 9.00 | 15.47 | 137.23 |
| 110 | 2/5/61 | 102 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 | 3.7 | 2.5 | 6.25 | 15.47 | 96.69 |
| 111 | 2/7/61 | 87 | 2.4 | 1.6 | 2.56 | 10.03 | 25.68 | 1.9 | 1.5 | 2.25 | 7.94 | 17.86 |
| 112 | " | 110 | 3.7 | 2.1 | 4.41 | 15.47 | 68.22 | 3.8 | 2.5 | 6.25 | 15.88 | 99.25 |
| 113 | 2/21/61 | 105 | 3.6 | 2.9 | 8.41 | 15.05 | 126.57 | 2.8 | 2.8 | 7.84 | 11.70 | 91.73 |
| 114 | 2/25/61 | 98 | 3.8 | 2.9 | 8.41 | 15.88 | 133.55 | 4.0 | 3.3 | 10.89 | 16.72 | 182.05 |
| 115 | " | 97 | 3.1 | 2.1 | 4.41 | 12.96 | 57.15 | 2.5 | 2.1 | 4.41 | 10.45 | 46.08 |
| 117 | 2/27/61 | 106 | 4.4 | 3.4 | 11.56 | 18.39 | 212.59 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 |
| 118 | 3/7/61 | 96 | 3.9 | 3.0 | 9.00 | 16.30 | 146.70 | 3.7 | 2.6 | 7.29 | 15.47 | 112.75 |
| 119 | 3/13/61 | 100 | 2.6 | 1.9 | 3.61 | 10.87 | 37.24 | 2.9 | 1.9 | 3.61 | 12.12 | 43.75 |
| 121 | 3/11/61 | 76 | 1.3 | 1.0 | 1.00 | 5.43 | 5.43 | 1.5 | 1.0 | 1.00 | 6.27 | 6.27 |
| 122 | " | 100 | 2.7 | 1.8 | 3.24 | 11.29 | 36.38 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 124 | 3/13/61 | 103 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.4 | 1.9 | 3.61 | 10.03 | 36.21 |
| 125 | " | 99 | 3.0 | 2.2 | 4.84 | 12.54 | 60.69 | 3.3 | 2.4 | 5.76 | 13.79 | 79.45 |
| 127 | " | 98 | 3.3 | 2.5 | 6.25 | 13.79 | 86.19 | 3.6 | 2.5 | 6.25 | 15.05 | 94.06 |

Species SCELOPORUS ORCUTTI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 3/13/61 | 90 | 2.9 | 2.1 | 4.41 | 12.12 | 53.45 | 3.1 | 2.2 | 4.84 | 12.96 | 62.73 |
| 131 | 3/21/61 | 101 | 4.6 | 3.5 | 14.44 | 19.23 | 277.65 | 4.6 | 3.6 | 12.96 | 19.25 | 249.22 |
| 132 | " | 102 | 4.1 | 3.6 | 12.96 | 17.14 | ~~222.13~~ | 4.2 | 3.7 | 13.69 | 17.56 | 240.70 |
| 135 | 3/29/61 | 102 | 3.1 | 2.5 | ~~7.67~~ 6.76 | 15.05 | ~~77.77~~ 101.74 | 3.1 | 2.6 | 6.76 | 12.96 | 37.61 |
| 136 | 4/11/61 | 115 | 5.2 | 3.9 | 15.21 | 21.74 | 330.66 | 5.0 | 3.9 | 15.21 | 20.90 | 317.89 |
| 137 | " | 103 | 4.3 | 3.7 | 13.69 | 17.97 | 246.01 | 4.4 | 3.7 | 13.69 | 18.39 | 251.72 |
| 138 | " | 77 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.6 | 1.1 | 1.21 | 6.69 | 8.09 |
| 139 | " | 78 | 1.6 | 1.0 | 1.00 | 6.69 | 6.69 | 1.7 | 1.2 | 1.44 | 7.11 | 10.24 |
| 140 | " | 90 | 3.7 | 3.1 | 9.61 | 15.47 | 148.67 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 |
| 141 | " | 89 | 3.8 | 2.3 | 5.29 | 11.70 | 61.89 | 2.2 | 1.6 | 2.56 | 9.20 | 23.55 |
| 142 | " | 84 | 3.1 | 2.7 | 7.29 | 12.96 | 94.48 | 3.5 | ~~3.8~~ 2.8 | ~~14.44~~ 7.84 | 14.63 | ~~214.70~~ 114.70 |
| 144 | " | 113 | 4.7 | 3.7 | 13.69 | 19.65 | ~~269.01~~ | 5.1 | 4.2 | 17.64 | 21.32 | 376.08 |
| 146 | " | 110 | 4.3 | 3.5 | 12.25 | 17.97 | 220.13 | 4.5 | 3.7 | 13.69 | 18.81 | 257.31 |
| 148 | " | 77 | 1.5 | 1.2 | 1.44 | 6.27 | 9.03 | 1.5 | 1.2 | 1.44 | 6.27 | 9.03 |
| 149 | " | 114 | 4.7 | 3.1 | 9.61 | 19.65 | 188.84 | 4.1 | 3.8 | 7.84 | 17.14 | 134.38 |
| 150 | " | 115 | 5.2 | 4.1 | 16.81 | 21.74 | 365.48 | 5.0 | 3.8 | 14.44 | 20.90 | 301.80 |

Species SCELOPORUS ORCUTTI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 151 | 4/11/61 | 105 | 7.6 | 3.6 | 12.96 | 19.23 | 249.22 | 4.6 | 3.6 | 12.96 | 19.23 | 249.22 |
| 154 | 4/27/61 | 112 | 4.0 | 3.1 | 7.61 | 16.72 | 160.68 | 4.3 | 3.2 | 10.24 | 17.97 | 184.01 |
| 155 | " | 97 | 3.1 | 2.3 | 5.29 | 12.96 | 68.56 | 2.8 | 2.3 | 5.29 | 11.70 | 61.89 |
| 158 | " | 85 | 1.5 | 1.1 | 1.21 | 6.27 | 7.57 | 1.8 | 1.0 | 1.00 | 7.52 | 7.52 |
| 159 | " | 100 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 | 4.4 | 3.0 | 9.00 | 18.39 | 165.51 |
| 160 | " | 105 | 3.7 | 3.0 | 9.00 | 15.47 | 139.25 | 3.9 | 3.4 | 11.56 | 16.30 | 188.43 |
| 162 | 5/16/61 | 96 | 3.3 | 2.4 | 5.76 | 13.79 | 79.43 | 3.4 | 2.9 | 8.41 | 14.21 | 119.51 |
| 163 | 5/21/61 | 100 | 4.0 | 3.6 | 12.96 | 16.72 | 249.22 | 5.0 | 3.4 | 11.56 | 20.90 | 241.60 |
| 165 | " | 78 | 2.0 | 1.4 | 1.96 | 8.36 | 16.38 | 1.6 | 1.3 | 1.69 | 6.69 | 11.30 |
| 167 | " | 108 | 5.4 | 3.7 | 13.69 | 22.57 | 305.25 | 5.3 | 3.7 | 13.69 | 22.15 | 303.25 |
| 168 | " | 90 | 3.1 | 2.8 | 7.84 | 12.97 | 121.28 | 3.7 | 2.3 | 5.29 | 15.47 | 57.84 |
| 169 | " | 106 | 5.3 | 4.2 | 17.64 | 22.99 | 405.57 | 5.4 | 4.3 ~~4.6~~ | 18.49 ~~21.1~~ | 22.57 | 417.32 ~~[illegible]~~ |
| 173 | 5/25/61 | 98 | 3.6 | 2.8 | 7.84 | 15.05 | 117.99 | 3.4 | 2.3 | 5.29 | 14.21 | 75.17 |
| 175 | 6/3/61 | 102 | 4.1 | 3.6 | 12.96 | 17.14 | 222.13 | 4.6 | 3.6 | 12.96 | 19.33 | 249.22 |
| 176 | 6/22/61 | 95 | 3.9 | 2.9 | 8.41 | 16.30 | 137.08 | 3.7 | 2.8 | 7.84 | 15.47 | 121.28 |
| 177 | " | 110 | 4.5 | 3.9 | 11.56 | 18.81 | 217.44 | 4.5 | 3.4 | 11.56 | 17.97 | 207.73 |

Species SCELOPORUS ORCUTTI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 178 | 6/23/61 | 101 | 3.5 | 3.1 | 9.61 | 15.88 | 152.61 | 3.1 | 3.0 | 9.00 | 12.91 | 116.64 |
| 179 | " | 186 | 4.4 | 3.7 | 13.69 | 18.39 | 251.76 | 4.9 | 3.7 | 13.69 | 20.48 | 280.37 |
| 180 | " | 114 | 4.3 | 3.8 | 14.44 | 17.97 | 259.49 | 4.6 | 3.6 | 12.96 | 19.23 | 247.22 |
| 181 | " | 110 | 4.3 | 3.4 | 11.56 | 17.97 | 207.73 | 4.9 | 3.5 | 12.25 | 20.48 | 250.88 |
| 183 | 6/23/61 | 94 | 3.5 | 3.0 | 9.00 | 14.63 | 131.67 | 3.4 | 2.6 | 6.76 | 14.21 | 96.06 |
| 184 | " | 102 | 4.1 | 3.3 | 10.89 | 17.14 | 186.65 | 4.1 | 3.4 | 11.56 | 17.14 | 198.17 |
| 185 | " | 110 | 4.5 | 3.6 | 12.96 | 18.81 | 243.78 | 4.1 | 3.4 | 11.56 | 17.14 | 198.17 |
| 186 | " | 101 | 3.8 | 2.7 | 8.41 | 15.88 | 133.55 | 3.6 | 2.7 | 7.29 | 15.05 | 107.71 |
| 191 | 6/26/61 | 113 | 4.0 | 2.8 | 7.84 | 16.72 | 131.08 | 3.7 | 2.6 | 6.76 | 15.47 | 104.58 |
| 193 | 7/3/61 | 67 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 | 1.7 | 0.9 | 0.81 | 7.11 | 5.76 |
| 195 | " | 67 | 1.2 | 0.9 | 0.81 | 5.02 | 4.07 | 1.3 | 0.8 | 0.64 | 5.43 | 3.48 |
| 196 | " | 63 | 1.0 | 0.7 | 0.49 | 4.18 | 2.05 | 1.1 | 0.7 | 0.49 | 4.60 | 2.25 |
| 201 | 8/8/61 | 106 | 2.8 | 1.8 | 3.24 | 11.70 | 37.91 | 2.5 | 1.6 | 2.56 | 10.45 | 26.75 |
| 204 | 9/27/61 | 86 | 2.1 | 1.3 | 1.69 | 8.78 | 14.84 | 1.9 | 1.4 | 1.96 | 7.94 | 15.56 |
| 205 | " | 104 | 2.8 | 1.9 | 3.61 | 11.70 | 42.24 | 2.4 | 2.1 | 4.41 | 10.03 | 44.23 |
| 206 | " | 89 | 1.6 | 1.0 | 1.0 | 6.69 | 6.69 | 1.7 | 1.0 | 1.0 | 7.11 | 7.11 |

Species SCELOPORUS ORCUTTI

| Tag.No | Date of Capture | S-V length(mm) | Left Testis a | Left Testis b | Left Testis $b^2$ | Left Testis 4.18a | Left Testis Vol.($mm^3$) | Right Testis a | Right Testis b | Right Testis $b^2$ | Right Testis 4.18a | Right Testis Vol($mm^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 207 | 9/27/61 | 97 | 2.4 | 1.7 | 2.89 | 10.03 | 28.99 | 2.7 | 1.4 | 1.96 | 11.29 | 22.13 |
| 209 | 3/26/62 | 94 | 4.3 | 3.3 | 10.89 | 17.97 | 195.69 | 3.6 | 2.6 | 6.76 | 15.05 | 101.74 |
| 210 | 4/30/62 | 90 | 4.0 | 3.4 | 11.56 | 16.72 | 193.28 | 4.0 | 3.1 | 9.61 | 16.72 | 160.68 |
| 212 | 5/12/62 | 108 | 3.9 | 3.1 | 9.61 | 16.30 | 156.64 | 4.3 | 3.1 | 9.61 | 17.97 | 172.69 |
| 214 | 5/19/62 | 91 | 4.9 | 2.9 | 8.41 | 20.48 | 172.24 | 4.9 | 3.4 | 11.56 | 20.48 | 236.75 |

R-371

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.